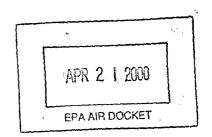
A-95-41 Lime Manufacturing NESHAP Category II Items Considered in Developing Proposal Subcategory II-A EPA Studies or Contractor Reports



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- Il-A-1 Report, Standards Support and Environmental Impact Statement, Volume 1: Proposed Standards of Performance for Lime Manufacturing Plants, EPA-450/2-77-077a, April 1977.
- II-A-2 Report, Final Standards Support and Environmental Impact Statement, Volume II: Promulgated Standards of Performance for Lime Manufacturing Plants, EPA-450/2-77-007b, October 1977.
- II-A-3 Report, Lime Manufacturing Plants–Background Information for Promulgated Standards, EPA-450/3-84-008, March 1984.
- II-A-4 Text, 11.17. Lime Manufacturing, January 1995, in Chapter 11, Mineral Products Industry, in Compilation of Air Pollutant Emission Factors, volume 1, fifth edition, AP-42, on Air Chief compact disc, version 4.0, July 1995.
- II-A-5 Report, Lime Manufacturing Emissions Test Report at Eastern Ridge Lime Company, Ripplemead, Virginia, EPA:OAQPS:EMAD:EMC:SCGB, Publication number EMC Report 96-LIM-1, 3 volumes total, October 1996, Final dated September 1997 (For copy of transmittal correspondence, see II-C-34).
- II-A-6 Report, Lime Manufacturing Emissions Test Report at APG Lime Company, Ripplemead, Virginia, EPA:OAQPS:EMAD:EMC:SCGB, Publication number EMC Report 96-LIM-1, 3 volumes total, October 1996, Final dated September 1997 (For copy of transmittal correspondence, see II-C-35).
- II-A-7 Memorandum and attachments, J. Cole, RTI, to Docket, January 5, 1997, enclosing draft test reports for Eastern Ridge Lime Company at Ripplemead, Virginia (reports entitled, Draft Final Report, Emission from Lime Manufacturing Eastern Ridge Lime Company, Ripplemead, Virginia (2 volumes), prepared for EPA:SCGB, EMC, EMAD, OAQPS, prepared by Pacific Environmental Services, Incorporated, December 1996, and Draft Report, FTIR Field Test at a Lime Manufacturing Process, Eastern Ridge Lime Company, Ripplemead, Virginia, prepared for EPA:EMC, prepared by Midwest Research Institute, January 16, 1997).

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- II-A-8 Memorandum and attachments, J. Cole, RTI, to Docket, January 5, 1997, enclosing draft test reports for APG Lime Company at Ripplemead, Virginia (reports entitled, Draft Final Report, Emissions From Lime Manufacturing APG Lime Company, Ripplemead, Virginia (2 volumes), prepared for EPA:SCGB, EMC, EMAD, OAQPS, prepared by Pacific Environmental Services, Incorporated, January 1997, and Draft Report, FTIR Field Test at a Lime Manufacturing Process, APG Lime Company, Ripplemead, Virginia, prepared for EPA:EMC, prepared by Midwest Research Institute, January 16, 1997).
- II-A-9 Report, Site-Specific Test Plan for the Air Emissions Screening Test at Chemical Lime Company in Marble Falls, Texas, Prepared for EPA:SCGA, EPA:EMC, EPAEMAD, and EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, May 1998.
- II-A-10 Report, Site-Specific Test Plan for the Air Emissions Screening Test at Austin White Lime Company in Austin, Texas, Prepared for EPA:SCGA, EPA:EMC, EPAEMAD, and EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, May 1998.
- II-A-11 Report, Site-Specific Test Plan for the Air Emissions Screening Test at Redland Stone Products Company, San Antonio, Texas, Prepared for EPA:SCGA, EPA:EMC, EPAEMAD, and EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, May 1998 (Considered to be Confidential Business Information).
- II-A-12 Report, Site-Specific Test Plan for the Air Emissions Screening Test at Martin Marietta Magnesia Specialties, Woodville, Ohio, Prepared for EPA:SCGA, EPA:EMC, EPAEMAD, and EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, July 1998 (For copy of transmittal correspondence, see II-C-78).

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Items Considered in Developing Proposal Subcategory II-A

EPA Studies or Contractor Reports

Document No.	<u>Description</u>
II-A-13	Report, Manual and Continuous Emissions Testing Lime Kiln, No. 3 Baghouse and Kiln, No. 4 Baghouse Inlets and Stack at Chemical Lime Company, Montevallo, Alabama, Prepared for EPA:SCGA, EPA:EMC, and EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, September 1999 (For a copy transmittal correspondence see II-C-79, II-C-80, and II-C-104).
II-A-14	Report, Manual and Continuous Emissions Testing Lime Kiln No. 1 Scrubber Inlet and Stack at Chemical Lime Company, Alabaster, Alabama, Prepared for EPA:SCGA, EPA:EMC, EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, April 2000 (For a copy of transmittal correspondence, see II-C-79, II-C-80, and II-C-104).
II-A-15	Report, Manual and Continuous Emissions Testing Lime Kiln No. 4 Baghouse Inlet and Outlet at Dravo Lime Company, Saginaw, Alabama, Prepared for EPA:SCGA, EPA:EMC, EPA:OAQP, Prepared by Pacific Environmental Services, Incorporated, April 2000 (For a copy of transmittal correspondence see II-C-111).
II-A-16	Report, Manual and Continuous Emissions Testing Verticle Lime Kiln Baghouse Inlet and Outlet at Chemical Lime Company, Marble Falls, Texas, Prepared for EPA:SCGA, EPA:EMC, EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, April 2000 (For a copy of transmittal correspondence see II-C-104).
II-A-17	Report, Manual and Continuous Emissions Testing Rotary Lime Kiln Scrubber Inlet and Stack at Redland Stone, San Antonio, Texas, Prepared for EPA:SCGA, EPA:EMC, EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, April 2000 (For a copy of transmittal correspondence see II-C-108).
П-А-18	Report, Manual and Continuous Emissions Testing Kiln No. 2 Scrubber Inlet and Stack and Kiln No. 3 Baghouse Inlet and Stack at Austin White Lime, Austin, Texas, Prepared for EPA:SCGA, EPA:EMC, EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, April 2000 (For a copy of transmittal correspondence see II-C-110).
II-A-20	Report, Documentation for Developing the Initial Source Category List, EPA-450/3-91-030, July 1992.

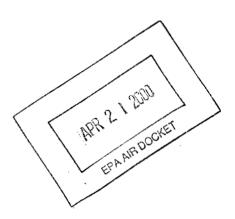
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II-A-19 Report, Lime Manufacturing Industry Fourier Transform Infrared Spectroscopy, EPA-454/R-99-030, July 1999.



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Document No.	<u>Description</u>
II-A-21	Report, Lime Manufacturing Industry Fourier Transform Infrared Spectroscopy, Chemical Lime, Marble Falls, Texas, EPA-454/R-99-030, July 1999.
II-A-22	Report, Lime Manufacturing Emissions Test Report (Fourier Transform Infrared Spectroscopy), Chemical Lime Company (Formerly APG Lime Company), Ripplemead, Virginia, EPA-454/R-99-046, prepared for EPA:OAQPS:ESD:EMC, prepared by Midwestern Research Institute under contract 68-D-98-027, September 1999.
II-A-23	Report, Lime Manufacturing Emissions Test Report, Chemical Lime Company (Formerly APG Lime Company), Ripplemead, Virginia, Volume I of II, EPA-454/R-99-045a, prepared for EPA:OAQPS:ESD:EMC, prepared by Pacific Environmental Services, Incorporated under contract 68-D7-00-69, September 1999 (For a copy of transmittal correspondence see II-C-104).
II-A-24	Report, Lime Manufacturing Emissions Test Report, Chemical Lime Company (Formerly APG Lime Company), Ripplemead, Virginia, Volume II of II, EPA-454/R-99-045b, prepared for EPA:OAQPS:ESD:EMC, prepared by Pacific Environmental Services, Incorporated under contract 68-D7-00-69, September 1999 (For a copy of transmittal correspondence see II-C-104).
II-A-25	Report, Lime Manufacturing Emissions Test Report (Fourier Transform Infrared Spectroscopy), Chemical Lime Company (Formerly Eastern Ridge Lime Company), Ripplemead, Virginia, EPA-454/R-99-051, September 1999.
II-A-26	Report, Lime Manufacturing Emissions Test Report, Chemical Lime Company (Formerly Eastern Ridge Lime Company), Ripplemead, Virginia, Volume I of II, EPA-454/R-99-044a, prepared for EPA:OAQPS:ESD:EMC, prepared by Pacific Environmental Services, Incorporated under contract 68-D7-00-69, September 1999 (For a copy of transmittal correspondence see II-C-104).
II-A-27	Report, Lime Manufacturing Emissions Test Report, Chemical Lime Company (Formerly Eastern Ridge Lime Company), Ripplemead, Virginia, Volume II of II, EPA-454/R-99-044b, prepared for EPA:OAQPS:ESD:EMC, prepared by Pacific Environmental Services, Incorporated under contract 68-D7-00-69, September 1999 (For a copy of transmittal correspondence see II-C-104).

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Document No.	<u>Description</u>
II-A-28	Report, Final Report of Lime Manufacturing Industry Fourier Transform Infrared Spectroscopy, Austin White Lime Company, Austin, Texas, EPA-454/R-00-008, March 2000.
II-A-29	Report, Final Report of Lime Manufacturing Industry Fourier Transform Infrared Spectroscopy, Redland Stone Products Company, San Antonio, Texas, EPA-454/R-00-012, March 2000.
II-A-30	Report, Final Report of Lime Manufacturing Industry Fourier Transform Infrared Spectroscopy, Martin Marietta Magnesia Specialties, Woodville, Ohio, EPA-454/R-00-007, March 2000.
II-A-31	Report, Final Report of Lime Manufacturing Industry Fourier Transform Infrared Spectroscopy, National Lime and Stone Company, Carey, Ohio, EPA-454/R-00-009, March 2000.
II-A-32	Report, Final Report of Lime Manufacturing Industry Fourier Transform Infrared Spectroscopy, Huron Lime Company, Huron, Ohio, EPA-454/R-00-006, March 2000.
II-A-33	Report, Manual Testing and Continuous Emissions Testing, Kiln No. 1 Electrostatic Precipitator Inlet and Stack, Kiln No. 2 Baghouse Inlet and Stack, Martin Marietta Specialties, Woodville, Ohio, EPA-454/R-00-031, prepared for EPA:OAQPS:ESD:EMC, prepared by Pacific Environmental Services, Incorporated under contract 68-D98-004, May 2000 (For a copy of transmittal correspondence see II-C-112).
II-A-34	Report, Manual and Continuous Emissions Testing, Kiln No. 3 Wet Scrubber Stack, Huron Lime, Huron, Ohio, EPA-454/R-00-032, prepared for EPA:OAQPS:ESD:EMC, prepared by Pacific Environmental Services, Incorporated under contract 68-D98-004, July 2000 (For a copy of transmittal correspondence see II-C-107).
II-A-35	Report, Manual and Continuous Emissions Testing, Kiln No. 1 Wet Scrubber Inlet and Stack, National Lime and Stone Company, Carey, Ohio, EPA-454/R-00-033, prepared for EPA:OAQPS:ESD:EMC, prepared by Pacific Environmental Services, Incorporated under contract 68-D98-004, July 2000 (For a copy of transmittal correspondence see II-C-109).
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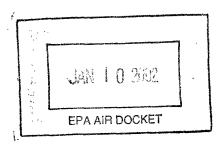
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II-A-36 Report, Regulatory and Inspection Manual for Nonmetallic Mineral Processing Plants(Revised), EPA:OECA, EPA 305-B-97-008, November 1997.

II-A-37 Report, Secondary Aluminum Industry, Culp Aluminum Alloys, Steel, Alabama, prepared for EPA:OAQPS:EMC, prepared by Easter Research Group under contract 68-D7-0001, January 1999.



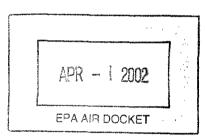
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EPA Studies or Contractor Reports

Document No.	<u>Description</u>
II-A-38	EPA Technology Fact Sheet, Fabric Filter - Pulse-Jet Cleaned Type (also referred to as Baghouses), undated.
II-A-39	Report, Municipal Waste Combustors-Background Information for Proposed Standards: Cost Procedures, EPA:OAQPS, EPA-450/3-89-27a, August 1989 (for facsimile see II-C-129).
II-A-40	EPA Fact Sheet, What Potential Small Entity Representatives Should Know About The Small Business Advocacy Review Panel, EPA 233-F-01-002, August, 2001 (for electronic mail see II-C-134).
II-A-41	EPA Fact Sheet, What Small Entities Should Know About EPA and the Small Business Regulatory Enforcement Fairness Act, EPA 233-F-01-002, August, 2001 (for electronic mail see II-C-134).

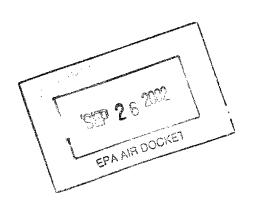


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Description

II-A-42 Report, Convening Document of the Small Business Advocacy Review Panel on EPA's Planned Proposed Rule National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants, January 22, 2002.

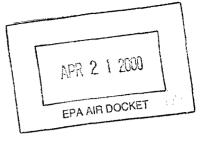


Docket No. OAR-2002-0052 Lime Manufacturing NESHAP Category II Items Considered in Developing Proposal Subcategory II-A EPA Studies or Contractor Reports

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Document No.	<u>Description</u>
II-A-37	Report, Secondary Aluminum Industry, Culp Aluminum Alloys, Steel, Alabama, prepared for EPA:OAQPS:EMC, prepared by Easter Research Group under contract 68-D7-0001, January 1999.
II-A-38	EPA Technology Fact Sheet, Fabric Filter - Pulse-Jet Cleaned Type (also referred to as Baghouses), undated.
II-A-39	Report, Municipal Waste Combustors-Background Information for Proposed Standards: Cost Procedures, EPA:OAQPS, EPA-450/3-89-27a, August 1989 (for facsimile see II-C-129).
II-A-40	EPA Fact Sheet, What Potential Small Entity Representatives Should Know About The Small Business Advocacy Review Panel, EPA 233-F-01-002, August, 2001 (for electronic mail see II-C-134).
II-A-41	EPA Fact Sheet, What Small Entities Should Know About EPA and the Small Business Regulatory Enforcement Fairness Act, EPA 233-F-01-002, August, 2001 (for electronic mail see II-C-134).
II-A-42	Report, Convening Document of the Small Business Advocacy Review Panel on EPA's Planned Proposed Rule National Emission Standards for Hazardous Air Pollutants for Lime Manufacturing Plants, January 22, 2002.
II-A-43	Report, Handbook, Control Technologies for Hazardous Air Pollutants, pages 3-11 - 3-15 and 4-90 - 4-99, EPA/625/6-91/014, June 1991 (For copy of transmittal correspondence, see II-C-148).
П-А-44	Economic Impact Analysis for the Lime Manufacturing MACT Standard, Draft Report, November 1, 2002.
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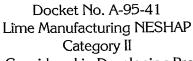
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- II-B-1 Memorandum and attachments, E. Heath, RTI, to J. Wood, EPA:MICG, March 15, 1995, Status of gathering stack permitting and emissions test data for lime manufacturing plants in 5 states.
- II-B-2 Memorandum and attachments, E. Heath, RTI, to J. Wood EPA:MICG, June 6, 1995, Stack permitting and emissions test data for lime manufacturing plants—received since March 1995.
- II-B-3 Memorandum, E. Heath, RTI, to J. Wood, EPA:MICG, June 12, 1995, Various lime manufacturing information.
- II-B-4 Memorandum, E. Heath, RTI, J. Wood, EPA:MICG, August 9, 1995, Site Survey of Wimpey Minerals USA, Incorporated, Anville, Pennsylvania Site on March 30, 1995.
- II-B-5 Memorandum and attachment, E. Heath, RTI, to J. Wood, EPA:MICG, October 17,1995, Summary of status of requesting data on tested and permitted stack emission from State agencies.
- II-B-6 Memorandum, RTI to J. Wood, EPA:OAQPS:ESD:MICG, September 22, 1995, Site survey of Mississippi Lime Company, Genevieve, Missouri on September 19, 1995 (Considered to be Confidential Business Information).
- II-B-7 Memorandum, E. Heath, RTI, to J. Wood, EPA:MICG, February 1, 1996, Site Survey of North American Lime Management Company, Mississippi Lime Company facility in Saint Genevieve, Missouri on September 19, 1995 (Considered to be Confidential Business Information).
- II-B-8 Memorandum, E. Heath, RTI, to J. Wood, EPA:MICG, February 1, 1996, Site Survey of Eastern Ridge Lime Company, Ripplemead, Virginia on August 31, 1995 (Considered to be Confidential Business Information).
- II-B-9 Memorandum, E. Heath, RTI, to J. Wood, EPA:MICG, February 8, 1996, Non-CBI Site Survey of APG Lime Corporation, Ripplemead, Virginia.
- II-B-10 Memorandum and attachments, E. Heath, RTI, to J. Wood, EPA:MICG, February 12, 1996, Non-CBI Test Request for Source Testing an Eastern Ridge Lime Kiln.



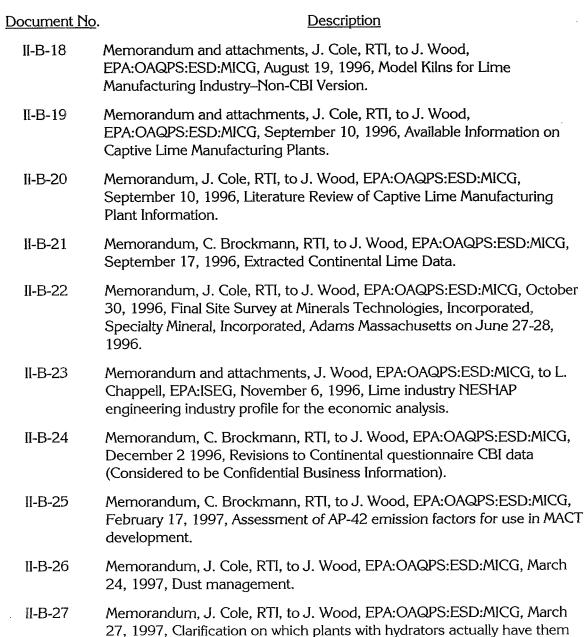
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- II-B-11 Memorandum and attachment, J. Crowder, EPA:MICG, to C. Oldham, EPA: Source Characterization Group B, March 5, 1996, Emissions test request for APG Lime Manufacturing Facility in Ripplemead, Virginia (Memorandum and attachments, S. York and E. Heath, RTI, to J. Wood, EPA:MICG, Test request for source testing APG Lime Kiln #1 attached).
- II-B-12 Memorandum and attachment, J. Crowder, EPA:MICG, to C. Oldham, EPA: SOURCE Characterization Group B, March 5, 1996, Emissions test requests for Eastern Ridge Lime Manufacturing Facility in Ripplemead, Virginia (Memorandum and attachments, S. York and E. Heath, RTI, to J. Wood, EPA:MICG, Test request for source testing an Easter Ridge Lime Kiln attached)
- II-B-13 Memorandum, D. Chester, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, July 1, 1996, Revised model kilns (Considered to be Confidential Business Information).
- II-B-14 Memorandum and attachments, D. Chester, RTI, to J. Wood, EPA:MICG, July 15, 1996, Non-CBI summary spreadsheets of lime industry questionnaire responses (18 Tables total).
- II-B-15 Memorandum and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to
 C. Oldham, EPA:Source Characterization Group B, July 24, 1996,
 Modifications of emissions test request for APG and Eastern Ridge Lime
 Manufacturing Facilities in Ripplemead, Virginia.
- II-B-16 Memorandum and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to C. Oldham, EPA:Source Characterization Group B, August 8, 1996, Modifications of emissions test request for Eastern Ridge Lime Manufacturing Facility in Ripplemead, Virginia.
- II-B-17 Memorandum and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to C. Oldham, EPA:Source Characterization Group B, August 13, 1996, Modifications of emissions test request for Eastern Ridge Lime Manufacturing Facility in Ripplemead, Virginia.



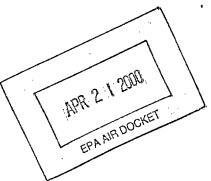


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II-B-28	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, April 2, 1997, Non-CBI summary of draft results of emissions testing at APG Lime Company and Eastern Ridge Lime Company.
II-B-29	Memorandum, C. Brockmann and J. Cole, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, April 10, 1997, Industry Characterization Memorandum.
II-B-30	Memorandum, J. Cole and C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, April 23, 1997, Discussion on lime coolers at various plants.
II-B-31	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, May 1, 1997, Description of captive plant in the US that operate lime kilns to produce lime and/or carbon dioxide in a downstream process.
II-B-32	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, May 1, 1997, Review of APG permits and test reports for reference to production rate.
II-B-33	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, June 23, 1997, Limestone dryers at lime manufacturing plants.
II-B-34	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, July 31, 1997, Summary of controls on material handling operations.
[I-B-35	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, August 20, 1997, Estimated number of material handling operations at lime manufacturing plants.
II-B-36	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, October 3, 1997, Final revisions to summary of RACT/BACT/LEAR determinations for lime manufacturing processes.
II-B-37	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, October 9, 1997, Final Summary of Emissions Test Data from Mississippi Lime's Ste. Genevieve Plant.

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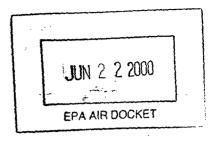
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- II-B-38 Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, October 22, 1997, Summary of Emissions Testing at Chemical Lime's Clifton, Texas plant.
- II-B-39 Memorandum, E. Heath, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, March 21, 1995, emissions test data for the Warner Company Lime Manufacturing Plant in Devault, Pennsylvania.
- II-B-40 Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, August 22, 1997, revised summary of National Lime Association sponsored emissions tests at Graybec Calc, Incorporated.
- II-B-41 Memorandum, J. Cole, RTI, J. Wood, EPA:OAQPS:ESD:MICG, September 9, 1997, memorandum on characteristics of a model cooler and model hydrators for developing costs and impacts estimates of control options.
- II-B-42 Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, October 22, 1997, summary of emissions testing at Chemical Lime's Clifton, Texas, plant.
- II-B-43 Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, January 16, 1997, final summary of available emissions data on metals from lime kilns.

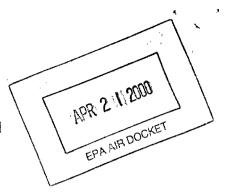
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- II-B-45 Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, December 3, 1997, memorandum on models for new kilns.
- II-B-46 Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, December 16, 1997, estimate of number of kilns in the US and number of kilns subject to NSPS.
- II-B-47 Memorandum, C. Brockmann, RTI to J. Wood, EPA:OAQPS:ESD:MICG, February 25, 1998, Summary of emissions testing at Ash Grove Cement Company's Rivergate plant in Portland, Oregon.



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П-В-39	Memorandum, E. Heath, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, March 21, 1995, emissions test data for the Warner Company Lime Manufacturing Plant in Devault, Pennsylvania.
II-B-40	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, August 22, 1997, revised summary of National Lime Association sponsored emissions tests at Graybec Calc, Incorporated.
II-B-41	Memorandum, J. Cole, RTI, J. Wood, EPA:OAQPS:ESD:MICG, September 9, 1997, memorandum on characteristics of a model cooler and model hydrators for developing costs and impacts estimates of control options.
II-B-42	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, October 22, 1997, summary of emissions testing at Chemical Lime's Clifton, Texas, plant.
II-B-43	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, January 16, 1997, final summary of available emissions data on metals from lime kilns.
¥ II-B-44	This item has been deleted per the project officer.
II-B-45	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, December 3, 1997, memorandum on models for new kilns.
II-B-46	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, December 16, 1997, estimate of number of kilns in the US and number of kilns subject to NSPS.
II-B-47	Memorandum, C. Brockmann, RTI to J. Wood, EPA:OAQPS:ESD:MICG, February 25, 1998, Summary of emissions testing at Ash Grove Cement Company's Rivergate plant in Portland, Oregon.
II-B-48	Memorandum, C. Brockmann, RTI to J. Wood, EPA:OAQPS:ESD:MICG, February 25, 1998, Ratio of limestone to lime for vertical kilns.
	Memorandum, C. Brockmann, RTI to J. Wood, EPA:OAQPS:ESD:MICG, February 25, 1998, Site survey of Western Sugar Company's plant in Lovell, Wyoming on August 29, 1997.

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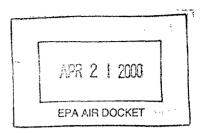
Description

II-B-48 Memorandum, C. Brockmann, RTI to J. Wood, EPA:OAQPS:ESD:MICG, February 25, 1998, Ratio of limestone to lime for vertical kilns. Memorandum, C. Brockmann, RTI to J. Wood, EPA:OAQPS:ESD:MICG, II-B-49 February 25, 1998, Site survey of Western Sugar Company's plant in Lovell, Wyoming on August 29, 1997. II-B-50 Memorandum, C. Brockmann, RTI to J. Wood, EPA:OAQPS:ESD:MICG, February 25, 1998, Site Survey of Western Sugar Company's plant in Billings, Montana on August 29, 1997. II-B-51 Memorandum, D. Chester, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, July 1996, Final CBI Summary Spreadsheets of Lime Industry Questionnaire Responses (Considered to be Confidential Business Information). II-B-52 Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, April 27, 1998, Update on previous estimate of number of kilns in the US. II-B-53 Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, April 9, 1998, Summary of Select Baghouse Parameters for Kilns Subject to the NSPS, Kilns Not Subject to the NSPS, and Kilns Subject to More Stringent PM Limits than the NSPS. II-B-54 Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, June 1, 1998, Upgrading Existing Baghouses to Meet More Stringent Emission Limits for the Lime Industry. II-B-55 Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, June 12, 1998, Triboelectric Bag Leak Detectors. II-B-56 Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, June 12, 1998, Calculation of average emission factor from emissions data in docket entry II-D-132.

Memorandum, J. Cole, RTI, to J. Wood, EPA:OAQPS:ESD:MICG,

December 16, 1997, Memorandum on creating spreadsheets from beet

II-B-57



Document No.	<u>Description</u>
[]-B-58	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, July 15, 1998, Summary information of APCD's on active lime kilns in the US.
II-B-59	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, July 15, 1998, Summary of permit limits and PM test data for kilns with permit limits below 0.60 lb/ton ls.
II-B-60	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, July 15, 1998, Figure and Table of PM levels and permit limits for lime kilns.
II-B-61	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, July 21, 1998, Summary of available HCl data.
II-B-62	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, November 12, 1998, Summary of emissions test data collected on March 23-25, 1998 from Chemical Lime Company's Montevallo, Alabama plant.
[I-B-63	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, November 12, 1998, Summary of emissions test data collected on March 27, 1998 from Chemical Lime Company's Alabaster, Alabama plant.
II-B-64	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, December 9, 1998, Dividing 1997 national lime kiln production according to model lime kiln size—non-CBI version.
II-B-65	Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, September 14, 1998, Revised draft costing algorithms for new baghouses to replace existing venturi scrubbers on lime kilns - 0.6 lb/ton feed baseline.
II-B-66	Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, September 14, 1998, Revised costing algorithms for upgrading fabric filters on lime kilns - 0.6 lb/ton feed baseline.
II-B-67	Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, September 14, 1998, Costing algorithms for ESP upgrades on lime kilns - 0.6 lb/ton baseline.



Document No.	<u>Description</u>
II-B-68	Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, November 23, 1998, Revised costing algorithm for new baghouses on new lime kilns - 0.6 lb/ton feed baseline.
II-B-69	This Item has been deleted per project officer.
II-B-70	Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPA:ESD:MICG, December 10, 1998, New costing algorithm for new baghouses on uncontrolled lime kilns.
II-B-71	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, December 14, 1998, Process data recorded during emissions testing at Dravo's plant in Saginaw, Alabama, March 28, 1998.
II-B-72	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Lime NESHAP Docket No. A-95-41, July 21, 1999, Process and APCD information/data collected during emissions testing at the National Lime and Stone Company plant in Findlay, Ohio.
II-B-73	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Docket for Lime Manufacturing Industry NESHAP, July 21, 1999, Summary of Emissions Data from Tests on Lime Kilns Located in Texas.
II-B-74	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Docket for Lime Manufacturing Industry NESHAP, July 21, 1999, Summary of Emissios Data from Tests on Lime Kilns Located in Ohio.
II-B-75	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Lime NESHAP Docket, July 21, 1999, Summary of Emissions Test Data from Dravo Lime Company's Saginaw, Alabama Plant.
II-B-76	Memorandum, C. Brockmann, RTI, and J. Wood, EPA:OAQPS:ESD:MICG, to Lime Manufacturing NESHAP Docket No. A-95-41, July 29, 1999, Final process and APCD information/data collected during emissions testing at the Huron Lime Company plant in Huron, Ohio.
II-B-77	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, November 30, 1999, Calculation of national baseline emissions of PM for 1997 from grate coolers.

Docket No. A-95-41 Lime Manufacturing NESHAP Category II

Items Considered in Developing Proposal Subcategory II-B EPA Factual Memoranda

Document No.	<u>Description</u>
II-B-44	This item has been deleted per project officer.
II-B-80	Memorandum, C. Brockmann, RTI and J. Wood, EPA:OAQPS:ESD:MICG, to Docket, not dated, Estimate of the number of uncontrolled material handling operations in the lime industry and the cost of controlling these sources with baghouse filtration.
II-B-81	Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, March 25, 1997, Beet Sugar Plants as Major Sources.
П-В-82	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, October 1, 1998, Summary of the capacity of new lime kilns built within the last three years.
II-B-83	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Portland Cement Docket (A-92-53), April 20, 1999, Unresolved technical issues with proposed EPA Method 322 (Gas Filter Correlation Infrared Spectroscopy [GFCIR]) for the measurement of hydrogen chloride air emissions.
II-B-84	Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, November 30, 1999, Costing algorithms for the new baghouses on lime kiln coolers328 lb/ton feed baseline.
II-B-85	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, January 12, 2000, Estimate of national baseline emissions of PM from Material Handling Operations (MHOs) at lime plants and impacts associated with setting a PM emissions limit for MHOs.
II-B-86	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, January 13, 2000, Summary of controls on Material Handling Operations (MHOs) based on non-confidential questionnaires.
II-B-87	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, March 6, 2000, Estimating the percentage of lime plants that are major sources.
II-B-88	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, March 16, 2000, Costs for testing and monitoring.
Draft - Phase II -	27 November 2000 - 03:07PM - 15 - EPA AIR DOCKET NO00 Lime Docket Index.wpd

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Items Considered in Developing Proposal Subcategory II-B EPA Factual Memoranda

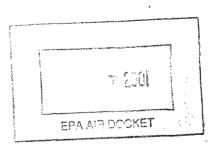
Document No.	<u>Description</u>
II-B-89	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG and J. Turner, RTI, to Docket, March 21, 2000, Costing algorithm for spray cooling gases form lime kilns.
II-B-90	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, March 22, 2000, Temperatures of PM control devices on lime kilns.
П-В-91	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, April 14, 2000, Sensitivity analysis of stoichiometric ratio between lime kiln PM and lime kiln acid gases.
II-B-92	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, August 31, 2000, Lime kiln PM emissions data and permit limitation summary.
II-B-93	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, September 19, 2000, Cost algorithms for activated carbon injection for lime kilns.
II-B-94	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, September 28, 2000, Permit limits for materials processing operations at lime plants located in PM10 non-attainment areas.
II-B-95	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, October 11, 2000, Health effects of hazardous air pollutants emitted from lime plants.
II-B-96	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, November 13, 2000, Summary of lime kiln emissions test data from final test reports.

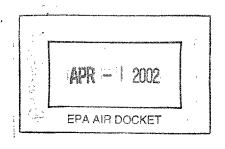


Document No.	. <u>Description</u>
II-B-97	Memorandum and attachment, E. Heath, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, September 13, 1996, Effects of water injection on air pollution control device performance.
II-B-98	Memorandum and attachment, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, January 11, 2000, Description of cooler exhaust from select lime kilns.
II-B-99	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, January 22, 2000, Estimate of annual amounts of mercury in process feed and coal to rotary lime kilns.
II-B-100	Memorandum and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, May 31, 2000, Hydrogen chloride removal efficiency with temperature reduction.
II-B-101	Memorandum and attachment, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, October 26, 2000, Costing algorithms for new HCl scrubbers added to existing lime kilns - 1.1 lb HCl/ton feed baseline.
II-B-102	Memorandum, W. Lamason, EPA:OAQPS:EMC:SMTG, to J. Crowder, EPA:OAQPS:ESD:MICG, December 12, 2000, Voluntary consensus standard results for the Lime Manufacturing NESHAP Proposed Rule.

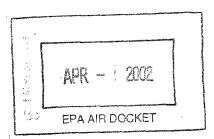


Document No.	<u>Description</u>
П-В-103	Memorandum and attachment, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, January 11, 2000, Revised summary of PM emissions data from select lime
II-B-104	Memorandum, M. Laney, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, April 30, 2001, Estimated costs of controlling material handling operations at lime manufacturing facilities.
П-В-105	Memorandum, M. Laney, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, May 25, 2001, Availability of low-mercury and low-HAP coal as a fuel for lime manufacturing.





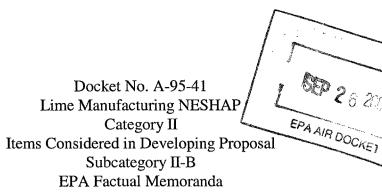
Document No.	. <u>Description</u>
II-B-106	Memorandum, C. Brockman, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, February 20, 2001, Calculation of Turbulent Flow in Lime Kiln Exhaust.
II-B-107	Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, March 6, 2001, Costing Questions for NLA and Discussion of NLA Questions (for electronic mail see II-C-125).
II-B-108	Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, March 15, 2001, Revisions to Lime Costing Spreadsheets (for electronic mail see II-C-126).
II-B-109	Memorandum, T. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, March 15, 2001, Addenda April 16, 2001 and May 8, 2001, Revisions to Lime Costing Spreadsheets.
II-B-110	Memorandum, M. Laney, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, March 27, 2001, Estimated Costs of Controlling Material Handling Operations at Lime Manufacturing Facilities (for electronic mail see II-C-127).
II-B-111	Memorandum, J. Crowder, EPA:OAQPS:ESD:MICG, to R. Evans, EPA:OAQPS:ESD:ISEG, May 21, 2001, Cost Inputs for Economic Impacts Analysis for the lime Industry NESHAP.
II-B-112	Memorandum and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, May 22, 2001, Costs of PM Continuous Emission Monitoring Systems and Bag Leak Detectors on Positive Pressure PM Control Devices.
II-B-113	Memorandum and attachments, C. Oldham, EPA: Source Measurement Technology Group, to J. Crowder, EPA:OAQPS:ESD:MICG, May 29, 2001, Expansion of Responses to Method 26 and Method 26A comments received as a result of the Portland Cement NESHAP Rule.
II-B-114	Memorandum and attachments, M. Laney, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, June 19, 2001, Revised estimate of national baseline emission of PM from Material Handling Operations (MHO's) at lime plants and impacts associated with setting a PM emission limit for MHO's.



Document No.

Description

II-B-115 EPA Bases for Cost/Sales provided to potential SERS, January 2002.



Document	No.

Document No.	<u>Description</u>
II-B-116	Letter and attachment, T. Kelly, EPA, Small Business Advocacy Chair, J. Graham, OMB, T. Sullivan, U.S. SBA, S. Shaver, EPA:OAR:ESD, to C. Whitman, EPA, March 25, 2002, Final Report of the Small Business Advocacy Review Panel on EPA's Planned Proposed Rule NESHAP for Lime Manufacturing Plants.
II-B-117	Memorandum, M. Pimentel, B. Hetes, M. Dusetzina, R. Crume, EPA:OAQPS:REAG, to J. Wood, EPA:OAQPS:ESD:MICG, April 8, 2002, Review of National Lime Association's Request to Exclude Lime Plant HCl Emissions from Regulation.
П-В-118	Memorandum, T. Harrison, EPA:OAQPS:EMC, to J. Wood, EPA:OAQPS:ESD:MICG, April 10, 2002, Cost Estimate to Perform Gaseous HCl Sampling and Analysis Following ASTM D6735-01.
II-B-119	Memorandum, D. Bivins, EPA:OAQPS:EMC:SMTG, to J. Wood, EPA:OAQPS:ESD:MICG, April 19, 2002, Comparison of Bag Leak Detectors and Transmissometers Systems (COMS).
П-В-120	Memorandum, M. Laney, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, April 24, 2002, National baseline PM emissions from Material Handling Operations (MHO's) at lime plants and impacts associated with setting a MACT floor emission limit for MHO's associated with the transfer of limestone from the feed stockpiles to kilns.
II-B-121	Memorandum, M. Laney, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, May 2, 2002, Organic HAP Emissions Data for Lime Manufacturing Kilns and Coolers.
II-B-122	Memorandum, J. Turner, RTI and J. Wood, EPA:OAQPS:ESD:MICG, to Docket, July 18, 2002, Costing Algorithm for Venturi Scrubber on Lime Kilns With Existing Scrubbers.
II-B-123	Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, August 19, 2002, Revised Draft Costing Algorithms for Preheaters Retrofitted to Existing Lime Kilns.
II-B-124	Memorandum, M. Laney, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, August 20, 2002, Fuel consumption by kiln type.

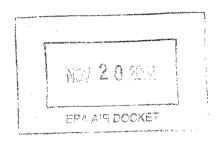
Document No.

Description

II-B-125 Memorandum, M. Laney, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, September 3, 2002, Results of opacity tests and permitted opacity limits for selected kilns in the lime manufacturing industry.



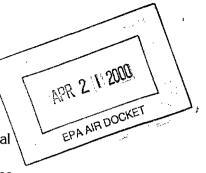
Document No.	<u>Description</u>
II-B-126	Memorandum, J. Turner, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, October 31, 2002, Technical Feasibility of Venturi Scrubbers in Meeting 0.12 lb/ton Outlet PM Level.
II-B-127	Memorandum, J. Crowder, EPA:OAQPS:ESD:MICG, to R. Evans, EPA:OAQPS:ESD:ISEG, November 6, 2002, Cost Inputs for Economic Impacts Analysis for the Lime Industry NESHAP.
II-B-128	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Lime MACT Docket, July 6, 2002, Summary of Total Annualized Costs and Capital Costs to Affected Small Lime Firms, with and without a PM CEMS Requirement.
II-B-129	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Lime Manufacturing NESHAP Docket, November 13, 2002, Impacts Estimates for HCl and SO2 - Assuming Wet Scrubbers not Meeting Proposed PM Limit will be Replaced with Fabric Filters.
II-B-130	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Lime Manufacturing Industry NESHAP Docket, November 14, 2002, National Environmental Impacts of the Proposed Lime Manufacturing NESHAP.
II-B-131	Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Lime Manufacturing NESHAP Docket, November 14, 2002, Lime Manufacturing NESHAP: National Baseline Emissions and Emissions Reductions Estimates



Docket No. A-95-41 Lime Manufacturing NESHAP Category II

Items Considered in Developing Proposal Subcategory II-C

EPA Correspondence To Outside Persons



Document No.

- II-C-1 Letter and attachment, J. Crowder, EPA:MICG, to E. Banfield, Wimpey Minerals USA, May 17,1995, Enclosing draft trip report for comment (See II-B-4 for final trip report), Summary of EPA's policy and procedures for handling CBI, and a clarification of what EPA considered to be emissions data.
- II-C-2 Letter and attachment, J. Crowder, EPA:MICG, to R. Gibson, Wimpey Minerals Hanover Lime and Stone Company, May 17,1995, Enclosing draft trip report for comment (See II-B-4 for final trip report), Summary of EPA's policy and procedures for handling CBI, a clarification of what EPA considered to be emissions data, and video taken during the site survey (A copy of Enclosure 4 was not made).
- II-C-3 Letter and attachments, J. Wood, EPA:MICG, to H.L. Francis, National Lime Association, June 26, 1995, enclosing video entitled, "Lime and the Earth—A Natural Balance," (A copy of this enclosure was not made) and a copy of the 1995 NLA annual convention presentation given on May 8, 1995.
- II-C-4 Letter and attachment, J. Wood, EPA:MICG, to A. Seeger, Morgan, Lewis, and Bockius, enclosing draft meeting minutes for June 17, 1995, meeting with EPA and National Lime Association (For final meeting minutes, see II-E-1).
- II-C-5 Letter and attachments, J. Crowder, EPA:MICG, to B. Shelor, APG Lime Corporation, July 31, 1995, enclosing overview of information to be discussed and viewed during site survey, discussion of EPA's information gathering authority, clarification of what EPA considered to be emission data, enclosure showing RTI as designated authorized representative of EPA, and EPA's policies and procedures for handling privileged information.

EPA Correspondence To Outside Persons



Document No.

- II-C-6 Letter and attachments, J. Crowder, EPA:MICG, to S. Castleberry, North American Lime Management, August 10, 1995, enclosing overview of information to be discussed and viewed during site survey, discussion of EPA's information gathering authority, clarification of what EPA considered to be emission data, enclosure showing RTI as designated authorized representative of EPA, and EPA's policies and procedures for handling privileged information.
- II-C-7 Letter and attachments, J. Wood, EPA:MICG, to A. Seeger, Morgan, Lewis, and Bockius, August 25, 1995, enclosing revised questionnaire, cover memorandum from A. Seeger to specific lime companies, and enclosure to the memorandum regarding EPA's handling of CBI.
- II-C-8 Letter and attachments, J. Crowder, EPA:MICG, to S. Castleberry, North American Lime Management, September 8, 1995, enclosing overview of information to be discussed and viewed during site survey, discussion of EPA's information gathering authority, clarification of what EPA considered to be emission data, enclosure showing RTI as designated authorized representative of EPA, and EPA's policies and procedures for handling privileged information.
- II-C-9 Letter and attachments, J. Crowder, EPA:MICG, to K. Schweigert, Eastern Ridge Lime Company, LP, October 25, 1995, enclosing draft trip report (See II-B-8 for final trip report), EPA's policy and procedures for handling CBI, and a clarification of what EPA considers to be emissions data.
- II-C-10 Letter and attachments, J. Crowder, EPA:MICG, to R. Bonnema, APG Lime Corporation, October 25, 1995, enclosing draft trip report (See II-B-9 for final trip report), EPA's policy and procedures for handling CBI, and a clarification of what EPA considers to be emissions data.
- II-C-11 Letter and attachments, J. Crowder, EPA:MICG, to J. Castleberry, North American Lime Management Company, October 25, 1995, enclosing draft trip report (See II-B-7 for final trip report), EPA's policy and procedures for handling CBI, and a clarification of what EPA considers to be emissions data.



Document No.

- II-C-12 Letter, J. Wood, EPA:MICG, to J. Alderman, The Dow Chemical Company, November 1, 1995, Acknowledging receipt of questionnaire distributed by the National Lime Association (identical letters sent; mailing list attached).
- II-C-13 Letter, J. Wood, EPA:MICG, to D. Christiansen, Chemical Lime Company, November 3, 1995, Acknowledging receipt of questionnaire distributed by the National Lime Association (identical letters sent; mailing list attached).
- II-C-14 Letter, J. Wood, EPA:MICG, to R. Henry, Dravo Lime Company, November 7, 1995, Acknowledging receipt of questionnaire distributed by the National Lime Association (identical letters sent; mailing list attached).
- II-C-15 Letter, J. Wood, EPA:MICG, to J. Littleton, Cheney Lime and Cement Company, November 30, 1995, Acknowledging receipt of questionnaire distributed by the National Lime Association (identical letters sent; mailing list attached).
- II-C-16 Letter, J. Wood, EPA:MICG, to E. Barry, Chemical Lime Company, December 7, 1995, Acknowledging receipt of questionnaire distributed by the National Lime Association (identical letters sent; mailing list attached).
- II-C-17 Letter and attachments, J. Crowder, EPA:MICG, to, S. Flash, Specialty Minerals, Incorporated, June 20, 1996, requesting a pre-test survey of the Specialty Minerals, Incorporated facility in June and enclosing EPA's authority for information gathering under Section 114 of the CAA, Clarification of what EPA considers to be emission data, Designation of RTI as authorized representative of EPA, and EPA's policies and procedures for handling privileged information.
- II-C-18 Letter and attachments, J. Crowder, EPA:MICG, to J.S. Castleberry, North American Lime Management Company, July 1, 1996, requesting a pre-test survey of the Eastern Ridge Lime Company facility in July and enclosing EPA's authority for information gathering under Section 114 of the CAA, Clarification of what EPA considers to be emission data, Designation of PES, MRI, and RTI as authorized representatives of EPA, and EPA's policies and procedures for handling privileged information.



Document No.

Description

Letter and attachments, J. Crowder, EPA:MICG, to, R. Bonnema, APG Lime II-C-19 Corporation, July 1, 1996, requesting a pre-test survey of the APG Lime Corporation facility in July and enclosing EPA's authority for information gathering under Section 114 of the CAA, Clarification of what EPA considers to be emission data, Designation of PES, MRI, and RTI as authorized representatives of EPA, and EPA's policies and procedures for handling privileged information. II-C-20 Letter and attachment, J. Wood, EPA:MICG, to A. Seeger, Morgan, Lewis, and Bockius, July 16, 1996, enclosing spreadsheets containing and summarizing non-CBI responses to the National Lime Association/EPA questionnaire. Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to J. Carlton, II-C-21 Minerals Technologies Incorporated, September 5, 1996, enclosing draft trip report for review (For final trip report, see II-B-22). Letter, J. Wood, EPA:OAQPS:ESD:MICG, to S. Castleberry, North American II-C-22 Lime Management, September 25, 1996, response to questions on planned emission testing of the Eastern Ridge Lime Plant. II-C-23 Letter and attachment, J. Wood EPA:OAQPS, to M. Brown, Continental Lime Company, October 16, 1996, enclosing confidential business information spreadsheets summarizing the Continental Lime Company questionnaire responses. II-C-24 Letter and attachment, M. Toney, EPA:EMC, to J. Castleberry, Eastern Ridge Lime Company, February 3, 1997, enclosing draft test report of EPA's October 1996 source test of Eastern Ridge Lime Company facility in Ripplemead, VA (For copy of final test reports, see II-A-5). II-C-25 Letter and attachment, M. Toney, EPA:EMC, to R. Bonnema, APG Lime Company, February 3, 1997, enclosing draft test report of EPA's October 1996 source test of APG Lime Company facility in Ripplemead, VA (For copy of final test reports, see II-A-6).



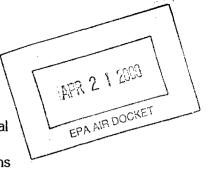
Document No.

- II-C-26 Letter and attachment, J. Crowder, EPA:OAQPS:ESD:MICG, to S. Castleberry, North American Lime Management, February 7, 1997, enclosing draft chapter of the process description and operation from the report on the emissions test which was conducted the week of October 16, 1996 at Eastern Ridge Lime Company facility in Ripplemead, VA (Considered to be Confidential Business Information).
- II-C-27 Letter and attachment, J. Crowder, EPA:OAQPS:ESD:MICG, to R. Roeder, APG Lime Corporation, February 7, 1997, enclosing draft chapter of the process description and operation from the report on the emissions test which was conducted the week of October 22, 1996 at APG Lime Corporation facility in Ripplemead, VA (Considered to be Confidential Business Information).
- II-C-28 Letter and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to P. Fuller-Pratt, Western Sugar Company, March 18, 1997, enclosing draft meeting meetings for review and comments (For final meeting minutes, see II-E-24).
- II-C-29 Letter and attachments, M. Toney, EPA:EMC, to J. Castleberry, April 4, 1997, Mississippi Lime Company, enclosing pages that were not properly copied (A copy of the enclosed pages was not made).
- II-C-30 Letter and attachments, J. Wood, EPA:OAQPS:ESD:MICG, to T. Schwartz, Beet Sugar Development Foundation, May 6, 1997, enclosing a voluntary questionnaire for gathering information from the beet sugar companies, a suggested cover letter from T. Schwartz to beet sugar companies, and attachments to the cover letter regarding confidential business information.
- II-C-31 E-mail, J. Cole, RTI, to J. Carlton, Minerals Technologies, May 8, 1997, additional needed information specific to the Speciality Mineral plant in Adams, MA.
- II-C-32 Letter and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to R. Roeder, APG Lime Corporation, June 10, 1997, requested to declassify as CBI certain information contained in the draft emissions test reports for tests conducted at APG lime plant and Eastern Ridge plant in October 1996.

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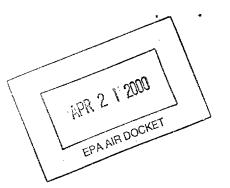
Items Considered in Developing Proposal Subcategory II-C

EPA Correspondence To Outside Persons



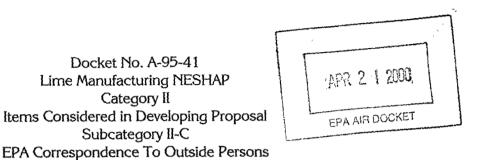
Document No.

- II-C-33 Letter and attachments, J. Wood, EPA:OAQPS:ESD:MICG, to A. Seeger, National Lime Association, June 12, 1997, enclosing EPA's assessment of the testing that was done at Graybec Calc, Incorporated's lime kilns and responses to NLA's comments of two emissions test reports for tests conducted at APG lime plant and Eastern Ridge plant in October 1996.
- II-C-34 Letter, M. Toney, EPA:EMC, to S. Castleberry, Eastern Ridge Lime Company, June 13, 1997, requesting written comments on EPA conducted testing at Ripplemead, Virginia, facility during October 1996 (For copy of final test reports, see II-A-5).
- II-C-35 Letter, M. Toney, EPA:EMC, to R. Bonnema, APG Lime Company, June 13, 1997, requesting written comments on EPA conducted testing at Ripplemead, Virginia, facility during October 1996 (For copy of final test reports, see II-A-6).
- II-C-36 Letter and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to A. Seeger, National Lime Association, June 20, 1997, enclosing memorandum characterizing the lime manufacturing industry and information on the exposure assessment for hydrogen chloride emissions from lime kilns.
- II-C-37 Facsimile and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to A. Seeger, National Lime Association, July 2, 1997, enclosing a draft memorandum regarding procedure for delisting.
- II-C-38 Letter and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to A. Seeger, National Lime Association, August 8, 1997, enclosing for review a copy of the meeting summary for meeting with industry and EPA on June 17, 1997 (For final meeting minutes, see II-E-37)
- II-C-39 Letter and attachments, J. Wood, EPA:OAQPS:ESD:MICG, to P. Fuller-Pratt, Western Sugar Company, August 15, 1997, confirmation of site visit at Western Sugar plants in Billings, Montana, and Lovell, Wyoming, on August 11, 1997.
- II-C-40 E-mail and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to D. Ousley, State of Alabama, August 21, 1997, Enclosing summary of the planned MACT meeting for review.



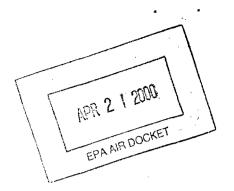
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- II-C-41 Letter, J. Wood, EPA:OAQPS:ESD:MICG, to P. Fuller-Pratt, Western Sugar Company, undated, Acknowledging receipt of questionnaire distributed by the Beet Sugar Development Foundation (Identical letters sent; mailing list attached).
- II-C-42 Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to D. Willis, Blue Circle Cement, Incorporated, November 13, 1997, requesting a pretest survey of the chemical lime plant located in Calera, Alabama in November 1997.
- II-C-43 Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to D. Christiansen, Chemical Lime Company, November 13, 1997, requesting a pre-test survey of the chemical lime plants located in Montevallo and Alabaster, Alabama, in November 1997.
- II-C-44 Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to L. Potts, Dravo Corporation, November 13, 1997, requesting a pre-test survey of the chemical lime plant located in Saginaw, Alabama, in November 1997.
- II-C-45 Facsimile, J. Crawford, Wisconsin Department of Natural Resources, to C. Brockmann, RTI, February 10, 1997, enclosing testing data for Rockwell Lime Company for tests run on November 20, 1996.
- II-C-46 Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to P. Fuller-Pratt, Western Sugar Company, December 15, 1997, enclosing draft trip reports for comment for trip taken August 29, 1997, to Western Sugar Company's facilities in billings, Montana, and Lovell, Wyoming (attached are draft trip reports, EPA's policy and procedures for handling CBI, and clarification of what EPA considers to be emissions data) (Draft Trip Reports Are Considered to be Confidential Business Information).



Document No.

- Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to G. II-C-47 Robinson III, Austin White Lime Company, December 18, 1997, requesting a pre-test survey of the Austin White Lime company located in McNeil, Texas, in mid-January, 1998 (attached are EPA's authority for data gathering, clarification of what EPA considers to be emissions data, designation of authorized representative for RTI, and EPA's policy and procedures for handling CBI).
- Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to T. Singley, II-C-48 Redland Stone Products Company, December 18, 1997, requesting a pretest survey of the Redland Stone Products lime plant located in San Antonio, Texas, in mid-January, 1998 (attached are EPA's authority for data gathering, clarification of what EPA considers to be emissions data, designation of authorized representative for RTI, and EPA's policy and procedures for handling CBI).
- II-C-49 Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to D. Christiansen, Chemical Lime Company, December 18, 1997, requesting a pre-test survey of the Chemical Lime Company located in Marble Falls, Texas, in mid-January, 1998 (attached are EPA's authority for data gathering, clarification of what EPA considers to be emissions data, designation of authorized representative for RTI, and EPA's policy and procedures for handling CBI).
- II-C-50 Memorandum, F. Phoenix, Pacific Environmental Services, to D. Christiansen and C. Duncan, Chemical Lime, February 2, 1998, preparations for the source testing in Astabula on March 26, 1998.
- II-C-51 Memorandum, F. Phoenix, Pacific Environmental Services, to R.W. Picou and L.A. Potts, Dravo Lime Company, February 2, 1998, preparations for the source testing in Saginaw on March 28, 1998.
- II-C-52 Memorandum, F. Phoenix, Pacific Environmental Services, to D. Christiansen and C. Duncan, Chemical Lime, February 4, 1998, preparations for the source testing in Montevallo on March 23 and 24, 1998.

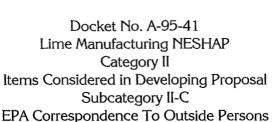


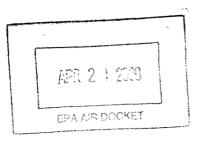
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Description

- II-C-53 Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to A. Paris. Huron Lime Company, February 4, 1998, to request a pre-test survey of the Huron Lime Company located in Huron, Ohio, during the 2nd week of February 1998 (For a copy of enclosures, see II-C-49).
 II-C-54 Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to D. Kuk, Martin Marietta, February 4, 1998, to request a pre-test survey of the Martin Marietta plant located in Woodville, Ohio, during the 2nd week of February
- II-C-55
 Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to D. Mapes, National Lime and Stone, February 4, 1998, to request a pre-test survey of the National Lime and Stone Company plant located in Findlay, Ohio, during the 2nd week of February 1998 (For a copy of enclosures, see
- II-C-56 Letter, J. Wood, EPA:OAQPS:ESD:MICG, to D. Ousley, Alabama Department of Environmental Management, March 17, 1998, Summary of telephone conversation of March 12, 1998, concerning how EPA's emission test probes in the stack may affect their continuous opacity monitor and if Dravo would be cited for opacity violations during testing by the Alabama DEM.
- II-C-57 Letter and attachment, W. Lamason, EPA:EMC, to D. Christiansen, Chemical Lime Company, February 12, 1998, enclosing draft site test plan for Alabaster and Montevallo, Alabama facilities for comment.
- II-C-58 Letter and attachment, W. Lamason, EPA:EMC, to L. Potts, Dravo Corporation, February 19, 1998, enclosing draft site test plan for Saginaw, Alabama facility for comment.
- II-C-59 Electronic mail, J. Wood, EPA:OAQPS:ESD:MICG, to M. Wax, Institute of Clean Air Companies, April 2, 1998, request for information on potential MACT technologies.

II-C-49).



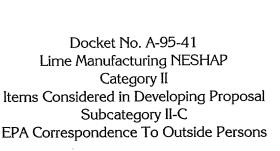


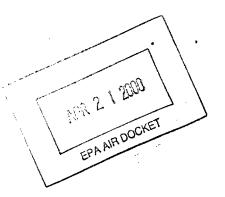
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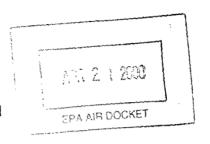
- II-C-60 Letter and attachments, J. Wood, EPA:OAQPS:ESD:MICG, to M. Brown, Continental Lime Company, April 9, 1998, enclosing a copy of the voluntary National Lime Association/EPA questionnaire responses for Chemical Lime Company's Clifton, Texas facility and Marble Falls, Texas facility (For copy of attachments, see II-D-32 and II-D-33, respectively).
- II-C-61 Memorandum, F. Phoenix, Pacific Environmental Services, Incorporated, to D. Christiansen and R. Hohman, Chemical Lime, March 19, 1998, Preparations for source testing of the vertical kiln at the Marble Falls facility on June 22, 1998.
- II-C-62 Memorandum, F. Phoenix, Pacific Environmental Services, Incorporated, to
 C. Shane, Austin White Lime Company, March 19, 1998, Preparations for source testing of kilns 2 and 3 at the Austin facility on June 24-25, 1998.
- II-C-63 Memorandum, F. Phoenix, Pacific Environmental Services, Incorporated, to T. Singley, Redland Stone Products, March 19, 1998, Preparations for source testing of the rotary kiln at the San Antonio facility on June 27, 1998.
- II-C-64 Letter, J. Wood, EPA:OAQPS:ESD:MICG, to D. Kuk, Martin Marietta Magnesia Specialities, May 19, 1998, Responding to a request for written information of the EPA:OAQPS's plans to (1) sample emissions at the inlet of the PM control device and (2) test for dioxins/furans.
- II-C-65 Memorandum, M. Maret, Pacific Environmental Services, Incorporated, to D. Christiansen and R. Hohman, Chemical Lime, June 1, 1998, Preparations for source testing of the vertical kiln at the Marble Falls facility on June 23-26, 1998.
- II-C-66 Memorandum, M. Maret, Pacific Environmental Services, Incorporated, to T. Singley, Redland Stone Products, June 2, 1998, Preparations for source testing of the rotary kiln at the San Antonio facility on July 1-2, 1998.
- II-C-67 Memorandum, M. Maret, Pacific Environmental Services, Incorporated, to
 C. Shane, Austin White Lime Company, June 2, 1998, Preparations for source testing of kilns 2 and 3 at the Austin facility on June 29-30, 1998.





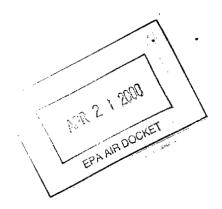
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- II-C-68 Letter, J. Wood, EPA:OAQPS:ESD:MICG, to A. Seeger, National Lime Association, July 27, 1998, Response to comments received in letter dated June 22, 1998 (For a copy of the letter, see II-D-170).
- II-C-69 Letter and attachment, W. Lamason, EPA:EMC, to D. Christiansen, Chemical Lime Company, June 2, 1998, Enclosing report entitled, Site-Specific Test Plan for the Air Emissions Screening Test at Chemical Lime Company in Marble Falls, Texas, Prepared for EPA:SCGA, EPA:EMC, EPA:EMAD, and EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, May 1998 (For copy of report, see II-A-9).
- II-C-70 Letter and attachment, W. Lamason, EPA:EMC, to R. Leal, Austing White Lime Company, June 2, 1998, Enclosing report entitled, Site-Specific Test Plan for the Air Emissions Screening Test at Austin White Lime Company in Austin, Texas, Prepared for EPA:SCGA, EPA:EMC, EPA:EMAD, and EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, May 1998 (For copy of report, see II-A-10).
- II-C-71 Letter and attachment, W. Lamason, EPA:EMC, to T. Singley, Redland Stone Products Company, June 2, 1998, Enclosing report entitled, Site-Specific Test Plan for the Air Emissions Screening Test at Redland Stone Products Company, San Antonio, Texas, Prepared for EPA:SCGA, EPA:EMC, EPA:EMAD, and EPA:OAQPS, Prepared by Pacific Environmental Services, Incorporated, May 1998 (Considered to be Confidential Business Information) (For copy of report, see II-A-11).
- II-C-72 Letter and attachment, M. Toney, EPA:EMC, to A. Seeger, National Lime Association, June 11, 1998, Enclosing letter from J. LaCosse, Eastern Research Group, Incorporated, to M. Toney, EPA:EMC, June 1, 1998, Enclosing Site-Specific Test Plan to conduct FTIR screening testing for three lime plants in the Southeast US.
- II-C-73 Letter and attachment, M. Toney, EPA:EMC, to D. Kuk, Martin Marietta Magnesia Specialties, August 5, 1998, Enclosing Site-Specific Test Plan for Woodville, Ohio facility (Considered to be Confidential Business Information).



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II-C-74	Letter and attachment, M. Toney, EPA:EMC, to A. Paris, Huron Lime Company, August 5, 1998, Enclosing Site-Specific Test Plan for Huron, Ohio facility (Considered to be Confidential Business Information).
II-C-75	Letter and attachment, M. Toney, EPA:EMC, to R. Mapes, National Lime and Stone Company, August 5, 1998, Enclosing Site-Specific Test Plan for Carey, Ohio facility (Considered to be Confidential Business Information).
II-C-76	Letter and attachment, M. Toney, EPA:EMC, to A. Paris, Huron Lime Company, August 17, 1998, Enclosing final Site-Specific Test Plan for Huron, Ohio, facility on August 28-29, 1998 (Considered to be Confidential Business Information).
II-C-77	Letter and attachment, M. Toney, EPA:EMC, to R. Mapes, National Lime and Stone Company, August 17, 1998, Enclosing final Site-Specific Test Plan for Carey, Ohio, facility on August 31-September 1, 1998 (Considered to be Confidential Business Information).
II-C-78	Letter and attachment, M. Toney, EPA:EMC, to D. Kuk, Martin Marietta Magnesia Specialties, August 17, 1998, Enclosing Site-Specific Test Plan for Woodville, Ohio facility (For copy of report see II-A-12).
II-C-79	Letter and attachment, W. Lamason, EPA:EMC, to D. Christiansen, Chemical Lime Company, September 17, 1998, Enclosing Site-Specific Test Reports for Alabaster and Montevallo, Alabama facilities (For a copy of reports see II-A-13, and II-A-14).
II-C-80	Letter and attachments, J. Crowder, EPA:OAQPS:ESD:MICG, to D. Christiansen, Chemical Lime Company, September 24, 1998, Enclosing draft report of the process description and operation for the emissions test conducted on March 22, 1998 for facilities in Monetvallo and Alabaster, Alabama (Attachments are Considerered to be Confidential Business Information).



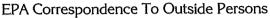
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- II-C-81 Letter and attachment, J. Crowder, EPA:OAQPS:ESD:MICG, to L. Potts, Dravo Corporation, September 28, 1998, Enclosing draft report of the process description and operation for the emissions test conducted on March 27 and 28, 1998 for facility in Saginaw, Alabama (Attachment is Considerered to be Confidential Business Information).

 II-C-82 Letter and attachment, J. Crowder, EPA:OAQPS:ESD:MICG, to D. Christiansen, Chemical Lime Company, October 20,1998 Enclosing draft report of the process description and operation for the emissions test conducted on June 28, 1998 for facility in Marble Falls, Texas (Attachment is Considerered to be Confidential Business Information).
- II-C-83 Letter and attachment, J. Crowder, EPA:OAQPS:ESD:MICG, to G. Robinson, Austin White Lime Company, October 20, 1998, Enclosing draft report of the process description and operation for the emissions test conducted on June 30 and July 1, 1998 for facility in Austin, Texas (Attachment is Considerered to be Confidential Business Information).
- II-C-84 Letter and attachment, J. Crowder, EPA:OAQPS:ESD:MICG, to T. Singley, Redland Stone Products Company, October 20, 1998, Enclosing draft report of the process description and operation for the emissions test conducted on June 28, 1998 for facility in San Antonio, Texas (Attachment is Considerered to be Confidential Business Information).
- II-C-85 Letter and attachment, W. Lamason, EPA:EMC, to L. Potts, Dravo Corporation, October 21, 1998, Enclosing draft test report for Saginaw, Alabama facility (For report see II-A-15).
- II-C-86 Letter and attachment, W. Lamason, EPA:EMC, to D. Christiansen, Chemical Lime Company, November 17, 1998, Enclosing draft test report for Marble Falls, Texas facility (For report see II-A-16).
- II-C-87 Letter and attachment, W. Lamason, EPA:EMC, to T. Singley, Redland Stone Products, November 19, 1998, Enclosing draft test report for San Antonio, Texas facility (For report see II-A-17).

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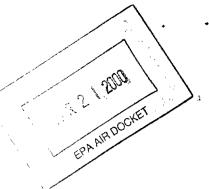
Subcategory II-C





Document No.

- II-C-88 Letter and attachment, J. Crowder, EPA:OAQPS:ESD:MICG, to T. Paris, Huron Lime Company, December 2, 1998, Enclosing draft report of the process description and operation for the emissions test conducted on September 1, 1998 for facility in Huron, Ohio (Attachment is Considerered to be Confidential Business Information).
- II-C-89 Letter and attachment, J. Crowder, EPA:OAQPS:ESD:MICG, to D. Mapes, National Lime and Stone Company, December 2, 1998, Enclosing draft report of the process description and operation for the emissions test conducted on September 3, 1998 for facility in Carey, Ohio (Attachment is Considerered to be Confidential Business Information).
- II-C-90 Letter and attachment, J. Crowder, EPA:OAQPS:ESD:MICG, to D. Kuk, Martin Marietta Magnesia Specialties, December 2, 1998, Enclosing draft report of the process description and operation for the emissions test conducted on August 27, 1998 for facility in Woodville, Ohio (Attachment is Considerered to be Confidential Business Information).
- II-C-91 Letter, W. Lamason, EPA:OAQPS:ESD:EMC, to C. Shane, Austin White Lime Company, December 9, 1998, Enclosing draft test report of Austin, Texas facility based on information obtained during site visit.
- II-C-92 Letter, W. Lamason, EPA:OAQPS:ESD:EMC, to R.D. Mapes, National Lime and Stone Company, February 8, 1999, Enclosing draft test reports for the Findley, Ohio facility prepared by Eastern Research Group and Pacific Environmental Services based on information obtained during site visit.
- II-C-93 Letter, W. Lamason, EPA:OAQPA:ESD:EMC, to A.J. Paris, Huron Lime Company, February 8, 1999, Enclosing draft test reports for Huron, Ohio facility prepared by Eastern Research Group and Pacific Environmental Services based on information obtained during site visit.
- II-C-94 Letter, W. Lamason, EPA:OAQPA:ESD:EMC, to D. Kuk, Martin Marietta Magnesia Specialties, February 8, 1999, Enclosing draft test reports for Woodville, Ohio facility prepared by Eastern Research Group and Pacific Environmental Services based on information obtained during site visit.



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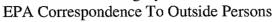
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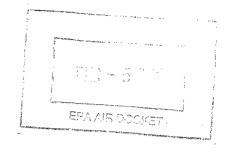
II-C-95 Letter, W. Lamason, EPA:OAQPA:ESD:EMC, to D. Christiansen, Chemical Lime Company, February 8, 1999, Enclosing draft test reports for Marble Falls facility prepared by Eastern Research Group and Pacific Environmental Services based on information obtained during site visit. II-C-96 Letter, W. Lamason, EPA:OAQPA:ESD:EMC, to T. Singley, Redland Stone Products, February 8, 1999, Enclosing draft test reports for San Antonio, Texas facility prepared by Eastern Research Group and Pacific Environmental Services based on information obtained during site visit. II-C-97 Letter, W. Lamason, EPA:OAQPA:ESD:EMC, to C. Shane, Austin White Lime Company, February 8, 1999, Enclosing draft test reports for Austin, Texas facility prepared by Eastern Research Group and Pacific Environmental Services based on information obtained during site visit. II-C-98 Letter, W. Lamason, EPA:OAQPA:ESD:EMC, to D. Christiansen, Chemical Lime Company, March 4, 1999, Enclosing draft test report for the Marble Falls facility based on information obtained during site visit. II-C-99 Letter, J. Wood, EPA:OAQPS:ESD, to A. Seeger, National Lime Association, May 25, 1999, Enclosing a draft summary from meeting between EPA, National Lime Association and industry representatives held on April 27, 1999. II-C-100 Letter, J. Crowder, EPA:OAQPS:ESD:MICG, to D. Matchett, Lafarge Lime Canada, Inc., May 26, 1999, Enclosing draft report of the process description and operation for the emissions test which was conducted at San Antonio, Texas facility on June 28, 1998. II-C-101 Letter, J. Crowder, EPA:OAQPS:ESD:MICG, to D. Kuk, Martin Marietta Magnesia Specialties, Inc., June 9, 1999, Enclosing a revised draft report of the process description and operation for the emissions test conducted at Woodville, Ohio facility on August 27 and 28, 1999.

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Subcategory II-C

Description





II-C-102	Letter, T. Harrison, EPA:OAQPS:EMC, to L. Kinner, Emission Monitoring, Incorporated, April 6, 2000, Summary of comments on draft No. 1 March 2000 ASTM HCl method.
II-C-103	Electronic Mail, T. Harrison, EPA:OAQPS:EMC, to L. Kinner, Emission Monitoring, Incorporated, April 25, 2000, HCl Method status.
II-C-104	Letter and attachment, M. Toney, EPA:OAQPS:EMC, to D. Christiansen, Chemical Lime, June 7, 2000, Enclosing final emission test reports for facilities in Ripplemead, Virginia (for APG report see II-A-23 and II-A-24, for Eastern Ridge see II-A-26 and II-A-27) Montevallo, Alabama (for report see II-A-13), Alabaster, Alabama (for report see II-A-14), and Marble Falls, Texas (for report see II-A-16).
II-C-105	Electronic Mail, T. Harrison, EPA:OAQPS:EMC, to L. Kinner, Emission Monitoring, Incorporated, July 7, 2000, ASTM HCl Method status.
II-C-106	Electronic Mail, T. Harrison, EPA:OAQPS:EMC, to L. Kinner, Emission Monitoring, Incorporated, July 24, 2000, ASTM HCl Method development.
II-C-107	Letter and attachment, M. Toney, EPA:OAQPS:EMC, to A. Paris, Huron Lime Company, July 27, 2000, Enclosing final emission test report for facility in Huron, Ohio (for report see II-A-34).
II-C-108	Letter and attachment, M. Toney, EPA:OAQPS:EMC, to T. Singley, Redland Stone Products, July 27, 2000, Enclosing final emission test report for facility in San Antonio, Texas (for report see II-A-17).
II-C-109	Letter and attachment, M. Toney, EPA:OAQPS:EMC, to D. Mapes, National Lime and Stone Company, July 27, 2000, Enclosing final emission test report for facility in Findley, Ohio (for report see II-A-35).

II-C-111 Letter and attachment, M. Toney, EPA:OAQPS:EMC, to L. Potts, Dravo Corporation, July 27, 2000, Enclosing final emission test report for facility in Alabaster, Alabama (for report see II-A-15).

facility in Austin, Texas (for report see II-A-18).

Letter and attachment, M. Toney, EPA:OAQPS:EMC, to C. Shane, Austin White Lime Company, July 27, 2000, Enclosing final emission test report for

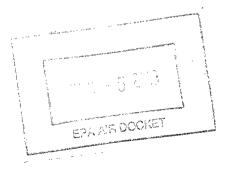
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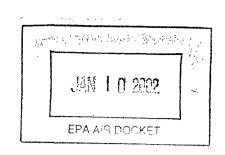
II-C-110

Document No.

Description

II-C-112 Letter and attachment, M. Toney, EPA:OAQPS:EMC, to D. Kuk, Martin Marietta Magnesia Specialties, July 27, 2000, Enclosing final emission test report for facility in Woodville, Ohio (for report see II-A-33).





Document No.

Description

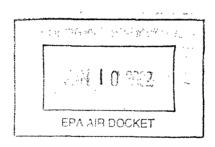
- II-C-113 Letter and attachments, T. Kelly, EPA Small Business Advocacy Chair, to H. Prillaman, National Lime Association, not dated, Responding to questions posed by the National Lime Association.
 II-C-114 Letter, T. Harrison, EPA:OAQPS:EMC, to L. Kinner, Emission Monitoring, Incorporated, December 21, 1999, Letter concerning modifications to EPA's Method 26.
 II-C-115 Letter, T. Harrison, EPA:OAQPS:EMC, to L. Kinner, Emission Monitoring Incorporated, April 6, 2000, Summary of comments on the Draft Number 1
 - II-C-116 Electronic Mail, T. Harrison, EPA:OAQPS:EMC, to L. Kinner, Emission Monitoring, Incorporated, April 25, 2000, ASTM HCl method status.

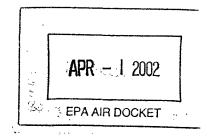
March 2000 ASTM HCl method.

- II-C-117 Electronic Mail and attachment, T. Harrison, EPA:OAQPS:EMC, to L. Kinner, Emission Monitoring, Incorporated, July 7, 2000, ASTM HCI method status
- II-C-118 Electronic Mail and attachment, T. Harrision, EPA:OAQPS:EMC, to L. Kinner, Emission Monitoring Incorporated, July 24, 2000, ASTM HCI method development.
- II-C-119 Electronic Mail and attachment, T. Harrison, EPA:OAQPS:EMC, to L. Kinner, Emission Monitoring Incorporated, October 19, 2000, Attaching comments on ASTM HCl method.
- II-C-120 Electronic Mail, E. Crump, EPA:OAQPS:ISEG, to A. Seeger, National Lime Association, January 9, 2001, Providing information on cost-to-sales ratios.
- II-C-121 Letter and attachments, M. Toney, EPA:OAQPS:EMC, to A. Seeger,
 National Lime Association, January 16, 2001, Enclosing final emission test
 reports for the lime manufacturing industry (For attachments see II-A)
- II-C-122 Facsimile and attachment, J. Bosch, EPA:OAQPS:EMC, to ASTM Standards Coordinator, January 18, 2001, Enclosing ballot and comments concerning ASTM methods.

Document No.

- II-C-123 Electronic Mail, J. Wood, EPA:OAQPS:ESD:MICG, to A. Seeger, National Lime Association, February 1, 2001, Response to comments on model kiln costing.
- II-C-124 Electronic Mail, J. Wood, EPA:OAQPS:ESD:MICG, to A. Seeger, National Lime Association, February 8, 2001, Response to comments on model kiln costing.

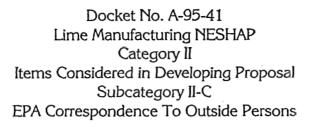


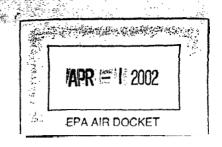


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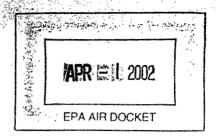
II-C-125 Electronic mail and letter with attachments, J. Wood, EPA:OAQPS:ESD:MICG, to A. Seeger, National Lime Association, March 15, 2001, Lime MACT development (for attachments see II-B-107). Electronic mail and attachments, J. Wood, EPA:OAQPS:ESD:MICG, to A. II-C-126 Seeger, National Lime Association, March 19, 2001, Additional cost changes (for attachments see II-B-108). Electronic mail and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to E. II-C-127 Males. National Lime Association, March 29, 2001, MHO costing update (for attachment see II-B-110). II-C-128 Electronic mail, J. Wood, EPA:OAQPS:ESD:MICG, to E. Males, National Lime Association, April 6, 2001, More Reactions to Cost Estimates. Facsimile, J. Wood, EPA:OAQPS:ESD:MICG, to E. Males, National Lime II-C-129 Association, April 6, 2001, enclosing EPA Report, Municipal Waste Combustors-Background Information for Proposed Standards: Cost Procedures. (for report see II-A-39). Electronic mail and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to E. II-C-130 Males, National Lime Association, April 11, 2001, Cost review process. Electronic mail, J. Wood, EPA:OAQPS:ESD:MICG, to E. Males, National II-C-131 Lime Association, May 2, 2001, Following up regarding MHO costs. II-C-132 Electronic mail, T. Kelly, EPA Small Business Advocacy Chair, to J. Pawlow, US Small Business Administration, June 27, 2001, Small Lime Company Total Revenue and Impacts. II-C-133 Electronic mail, T. Kelly, EPA Small Business Advocacy Chair, to J. Pawlow, US Small Business Administration, August 23, 2001, SBREFA Determination on Lime MACT.





Document No.

- II-C-134 Electronic mail with attachments, J. Wood, EPA:OAQPS:ESD:MICG, to J. Bowers and J. Dahl, Linwood Mining and Materials Corporation, D. Stone, Cutler Magner Company, and R. Leal, Austin White Lime, October 31, 2001, Small business review panel background materials (for attachments see II-A-40 and II-A-41).
- II-C-135 Electronic mail and attachments, T. Kelly, EPA Small Business Advocacy Chair, to S. Carter, K. Bromberg and J. Pawlaw, Small Business Administration, November 1, 2001, Informal Notification for Lime MACT Panel.
- II-C-136 Electronic mail and attachments, T. Kelly, EPA Small Business Advocacy Chair, to S. Walthall, S. Carter, and J. Pawlaw, Small Business Administration, November 28, 2001, formal Notification of Convening for Panel on the Lime MACT.
- II-C-137 Electronic mail, T. Kelly, EPA Small Business Advocacy Chair, to A. Seeger, National Lime Association, December 21, 2001, Follow up to December 20 conference call/meeting.
- II-C-138 Electronic mail, J. Wood, EPA:OAQPS:ESD:MICG, to E. Males, National Lime Association, January 8, 2002, Question regarding Lime Manufacturing MACT Standards Development Presentation.
- II-C-139 Letter, T. Kelly, EPA Small Business Advocacy Chair, to S. Walthall, US Small Business Administration, January 15, 2002, Announcing the convening of the Small Business Advocacy Review (SBAR) Panel for the forthcoming regulatory proposal entitled National Emission Standards for Hazardous Air Pollutants (NESAHP) for Lime Manufacturing Plants.
- II-C-140 Letter, T. Kelly, EPA Small Business Advocacy Chair, to D. Arbuckle, Office of Information and Regulatory Affairs, January 15, 2002, Announcing the convening of the Small Business Advocacy Review (SBAR) Panel for the forthcoming regulatory proposal entitled National Emission Standards for Hazardous Air Pollutants (NESAHP) for Lime Manufacturing Plants.



Document No.

Description

II-C-141 Electronic mail, J. Wood, EPA:OAQPS:ESD:MICG, to E. Males, National Lime Association, January 24, 2002, Attachment G & Update on Risk Assessment Report.

Docket No. A-95-41 Lime Manufacturing NESHAP

Category II

Items Considered in Developing Proposal Subcategory II-C

EPA Correspondence To Outside Persons

Document No.

- II-C-142 Electronic mail with attachment, J. Wood, EPA:OAQPS:ESD:MICG, to E. Soloman III, Mercer Lime Company, A. Seeger, National Lime Association, F. Nast, Western Lime Corporation, T. Byrne, U.S. Lime and Minerals, T. Jacobsen, MCB Corporation, D. Stone, Cutler-Magner Company, O. Robinson, Autin White Lime Company, Huron Lime Company, December 11, 2001, Summary of the pre-decisional draft of the proposed lime manufacturing NESHAP.
- II-C-143 Electronic mail with attachments, J. Wood, EPA:OAQPS:ESD:MICG, to E. Soloman III, Mercer Lime Company, December 12, 2001, Lime MACT: EPA estimates of annual cost to comply with pre-decisional draft rule and memo describing bases for estimating national cost and economic impacts.
- II-C-144 Electronic mail, J. Wood, EPA:OAQPS:ESD:MICG, to E. Males, National Lime Association, January 24, 2002, Update on Risk Assessment Report.
- II-C-145 Letter and attachment, T. Kelly, EPA, Small Business Advocacy Chair, T. Sullivan, Small Business Administration, D. Arbuckle, OMB:OIRA, S. Shaver, EPA:OAQPS:ESD, to E. Soloman III, Mercer Lime Company, January 30, 2002, Request for oral or written comments regarding potential small entity impacts of the developing regulatory proposal entitled NESHAP for Lime Manufacturing Plants. (Letter also sent to list of addresses, see attached.)
- II-C-146 Electronic mail, J. Wood, EPA:OAQPS:ESD:MICG, to E. Males, National Lime Association, February 7, 2002, Follow-up from teleconference regarding 112(d)(4) Risk Assessment.
- II-C-147 Letter, S. Silverman, EPA:OGC, to J. Pawlow, Small Business Administration, March 18, 2002, Regarding legal constraints in establishing subcategories when setting MACT standards.



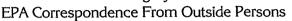
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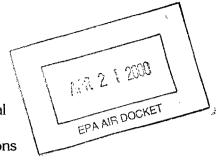
Description

II-C-148 Facsimile and attachment, from J. Wood, EPA:OAQPS:ESD:MICG, to B. Allen, OMB, September 26, 2002, enclosing pages 3-11 - 3-15 and 4-90 - 4-99 of Handbook, Control Technologies for Hazardous Air Pollutants (For report see II-A-43).



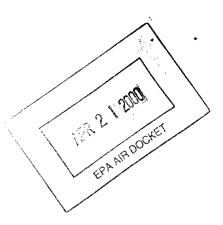
Items Considered in Developing Proposal Subcategory II-D





Document No.

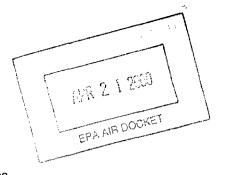
- II-D-1 Letter, B. Stewart, Texas Natural Resource Conservation Commission, Region 11, to E. Heath, RTI, February 28, 1995, Stack permit levels for Austin White Lime.
- II-D-2 Letter, J. Ibarra, Texas Natural Resource Conservation Commission, Region 4, to E. Heath, RTI, March 22, 1995, Stack permit levels for Texas Lime Company.
- II-D-3 Facsimile and attachment, T. Bertraud, California Air Resources Board, to E. Heath, RTI, March 27, 1995, enclosing Permits to Operate for ChemStar Lime Facility in Stockton.
- II-D-4 Letter, S. Edwards, Commonwealth of Virginia, Department of Environmental Quality, West Central Regional Office, to E. Heath, RTI, March 28, 1995, commenting on lime manufacturing plants regarding permit limits and stack testing history.
- II-D-5
 Letter and attachments, C. Smedley, State of Ohio Environmental Protection Agency, to E. Heath, RTI, March 28, 1995, Enclosing stack emissions of National Lime and Stone Company, GenLime Group LP, Huron Lime Company, Redland Ohio, Incorporated (Millerville and Woodville, Ohio), Martin Marietta Chemicals Company, Elkem Metals Company, and Mid Ohio Valley Lime Company (This enclosure is missing–another copy requested).
- II-D-6 Facsimile, B. Minich, Michigan Department of Natural Resources Air Quality Division, to E. Health, RTI, March 30, 1995, Enclosing 1994 VOC emissions (Letter, E. Heath, RTI, to N. Younger, Michigan Department of Natural Resources, Air Quality Division, March 28,1995, requesting stack emissions information for lime manufacturing plants attached).
- II-D-7 Facsimile, A. Seeger, National Lime Association, to J. Wood, EPA:MICG, April 12, 1995, enclosing National Lime Association Membership List.
- II-D-8 Letter and attachments, C. McPhee, State of Ohio Environmental
 Protection Agency Division of Air Pollution Control, Northeast District
 Office, to E. Heath, RTI, April 24, 1995, enclosing permits and air emission
 data for Elkem Metals Company in Ashtabula, Ohio.



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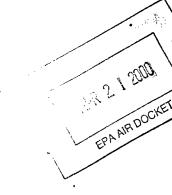
- II-D-9 Letter and attachments, D. Ousley, Alabama Department of Environmental Management, Engineering Services Branch, Air Division, May 30, 1995, to E. Heath, RTI, enclosing requesting information for lime plants in Alabama.
 II-D-10 Letter, A. Seeger, Morgan, Lewis, and Bockius, to J. Wood, EPA:MICG, June 27, 1995, enclosing suggestions for the questionnaire for MACT rulemaking for lime manufacturing plants.
 II-D-11 Letter and attachments, D. Bray, Wimpey Minerals, to J. Wood, EPA:MICG, July 24, 1995, enclosing revised site surveys for Wimpey Mineral's Hanover (Considered to be Confidential Business Information), and Millard Facilities.
 II-D-12 Letter and attachment, A. Seeger, Morgan, Lewis, and Bockius, to J. Wood.
- II-D-12 Letter and attachment, A. Seeger, Morgan, Lewis, and Bockius, to J. Wood, EPA:MICG, July 25, 1995, enclosing list of US NLA member companies and corresponding US plant locations.
- II-D-13 Letter and attachment, A. Seeger, Morgan, Lewis, and Bockius, to J. Wood, EPA:MICG, August 31, 1995, enclosing list of non-NLA members and confirming mailing of questionnaire to the US NLA member companies identified in July 25, 1995 letter to J. Wood, EPA:MICG and the non-NLA members identified in attachment to this letter.
- II-D-14 Letter, D. Bray, Wimpey Minerals, to J. Wood, EPA:MICG, September 7, 1995, declaring site survey for Hanover facility as CBI.
- II-D-15 Letter and attachment, T. Farzad and M. Lofland, APG Lime Corporation, to J. Wood, EPA:MICG, October 1995, enclosing response to NLA/EPA voluntary questionnaire for New Branunfels, Texas, Facility (Considered to be Confidential Business Information).
- II-D-16 Letter and attachment, R. Niemela, Linwood Mining and Mineral Corporation, to J. Wood, EPA:MICG, October 1995, enclosing response to NLA/EPA voluntary questionnaire.
- II-D-17 Letter and attachment, J. Littleton, October 1995, Cheney Lime and Cement Company, to J. Wood, EPA:MICG, enclosing response to NLA/EPA voluntary questionnaire (letter not attached).

Items Considered in Developing Proposal Subcategory II-D **EPA Correspondence From Outside Persons**

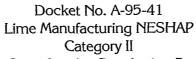


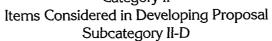
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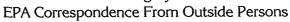
- II-D-18 Letter and attachment, D. Brisch, Rockwell Lime Company, to J. Wood, EPA:MICG. October 1995, enclosing response to NLA/EPA voluntary questionnaire (letter not attached). II-D-19 Letter and attachment, L. Hallman and M. Stoerker, Blue Circle, Incorporated, Blue Circle Cement, Roberta Plant, to J. Wood, EPA:MICG, October 1995, enclosing response to NLA/EPA voluntary questionnaire for Roberta Plant (letter not attached). II-D-20 Letter and attachment, J. Sandell, Tusco, Incorporated dba Calco, Incorporated, to J. Wood, EPA:MICG, October 1995, enclosing response to NLA/EPA voluntary questionnaire (letter not attached). II-D-21 Letter and attachment, C. LaLiberte, Cutler-Magner Company, CLM Corporation, to J. Wood, EPA:MICG, October 1995, enclosing response to NLA/EPA voluntary questionnaire (letter not attached). II-D-22 Letter and attachment, R. Cox, Redland Quarries, Redland Ohio, Incorporated, to J. Wood, EPA:MICG, October 6, 1995, enclosing response to NLA/EPA voluntary questionnaire for Woodville facility. II-D-23 Letter and attachment, R. Cox, Redland Quarries, Redland Ohio,
- Incorporated, to J. Wood, EPA:MICG, October 6, 1995, enclosing response to NLA/EPA voluntary questionnaire for Millersville facility.
- Letter and attachment, S. Dunlap, St. Clair Lime Company, to J. Wood, II-D-24 EPA:MICG, October 7, 1995, enclosing response to NLA/EPA voluntary questionnaire for Marble City, OK facility (letter not attached).
- Letter and attachment, G. Robinson III, Austin White Lime Company, to J. II-D-25 Wood, EPA:MICG, October 16, 1995, enclosing response to NLA/EPA voluntary questionnaire (3 reports attached, Background for Standards, undated, and Stack Emissions Survey, dated November 1992 and June-July 1993) (Considered to be Confidential Business Information).



Document No.	<u>Description</u>
II-D-26	Letter and attachment, J.D. Short, APG Lime Corporation, Kimballton Operations, to J. Wood, EPA:MICG, October 20, 1995, enclosing response to NLA/EPA voluntary questionnaire (Considered to be Confidential Business Information).
II-D-27	Letter and attachment, APG Lime Corporation, to J. Wood, EPA:OAQPS:ESD:MICG, October 20, 1995, enclosing response to NLA/EPA voluntary questionnaire for Roanoke, Virginia facility (Considered to be Confidential Business Information).
II-D-28	Letter and attachment, J. Alderman, Dow USA, Dow Chemical Company, Ludington, MI facility, to J. Wood, EPA:MICG, October 23, 1995, enclosing response to NLA/EPA voluntary questionnaire (some data considered Confidential Business Information).
II-D-29	Letter and attachment, R. Culp, Chemstone Corporation, to J. Wood, EPA:MICG, October 25, 1995, enclosing response to NLA/EPA voluntary questionnaire (Considered to be Confidential Business Information).
II-D-30	Letter and attachment, D. Christiansen, Chemical Lime Company, to J. Wood, EPA:MICG, October 26, 1995, enclosing response to NLA/EPA voluntary questionnaire for Alabaster, Alabama facility.
II-D-31	Letter and attachment, D. Christiansen, Chemical Lime Company, to J. Wood, EPA:MICG, October 26, 1995, enclosing response to NLA/EPA voluntary questionnaire for Montevallo, Alabama facility.
II-D-32	Letter and attachment, D. Christiansen, Chemical Lime Company, to J. Wood, EPA:MICG, October 26, 1995, enclosing response to NLA/EPA voluntary questionnaire for Clifton, Texas facility.
II-D-33	Letter and attachment, D. Christiansen, Chemical Lime Company, to J. Wood, EPA:MICG, October 26, 1995, enclosing response to NLA/EPA voluntary questionnaire for Marble Falls, Texas facility.

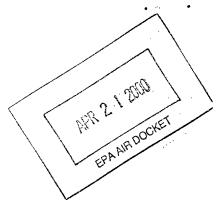






Document No.	<u>Description</u>
II-D-34	Letter and attachment, T. Tawney, Martin Marietta Magnesia Specialties, to J. Wood, EPA:MICG, October 26, 1995, enclosing response to NLA/EPA voluntary questionnaire (Considered to be Confidential Business Information).
II-D-35	Letter and attachment, J. Littleton, Cheney Lime and Cement Company, to J. Wood, EPA:MICG, October 26, 1995, enclosing replacement page for Section I of the response to NLA/EPA voluntary questionnaire.
II-D-36	Letter and attachment, I. Hall, Bellefonte Lime Company, Incorporated, to J. Wood, EPA:MICG, October 27, 1995, enclosing response to NLA/EPA voluntary questionnaire for Bellefonte Plant.
II-D-37	Letter and attachment, I. Hall, Bellefonte Lime Company, Incorporated, to J. Wood, EPA:MICG, October 27, 1995, enclosing response to NLA/EPA voluntary questionnaire for Pleasant Gap Plant.
II-D-38	Letter and attachment, M. Tate, GenLime Group, LP, to J. Wood, EPA:MICG, October 27, 1995, enclosing response to NLA/EPA voluntary questionnaire.
II-D-39	Letter and attachment, M. Nilsen, Elkem Metals Company, Ashtabula Plant, to J. Wood, EPA:MICG, October 27, 1995, enclosing response to NLA/EPA voluntary questionnaire.
II-D-40	Letter and attachment, R. Henry, Dravo Corporation, Dravo Lime Company, to J. Wood, EPA:MICG, October 30, 1995, enclosing response to NLA/EPA voluntary questionnaire for Black River plant.
II-D-41	Letter and attachment, R. Henry, Dravo Corporation, Dravo Lime Company, to J. Wood, EPA:MICG, October 30, 1995, enclosing response to NLA/EPA voluntary questionnaire for Maysville plant.
II-D-42	Letter and attachment, R. Henry, Dravo Corporation, Dravo Lime Company, to J. Wood, EPA:MICG, October 30, 1995, enclosing response to NLA/EPA voluntary questionnaire for Longview plant.

EPA AIR DOCKET



Document No.	. <u>Description</u>	
II-D-43	Letter and attachment, J. Kortz, Tenn Luttrell Company, to J. World EPA: MICG, October 30, 1995, enclosing response to NLA/EPA vo questionnaire.	
II-D-44	Letter and attachment, Continental Lime, Incorporated, to J. Wood EPA:OAQPS:ESD:MICG, October 31, 1995, enclosing response to NLA/EPA voluntary questionnaires for Indian Creek, Cricket Moun Peak, and Tacoma facilities (Considered to be Confidential Busine Information).	o tain, Pilot
II-D-45	Letter and attachment, C. Koenigs, Western Lime Corporation, to EPA:MICG, October 31, 1995, enclosing response to NLA/EPA voquestionnaire for Eden, WI facility.	
II-D-46	Letter and attachment, C. Koenigs, Western Lime Corporation, to EPA:MICG, October 31, 1995, enclosing response to NLA/EPA voquestionnaire for Green Bay, WI facility.	
II-D-47	Letter and attachment, H. Robbins, Bison Engineering, Incorpora Continental Lime, Incorporated, to J. Wood, EPA:MICG, October enclosing response to NLA/EPA voluntary questionnaire for Indian Facility (Considered to be Confidential Business Information).	31, 1995,
II-D-48	Letter and attachment, H. Robbins, Bison Engineering, Incorporal Continental Lime, Incorporated, to J. Wood, EPA:MICG, October enclosing response to NLA/EPA voluntary questionnaire for Crick Mountain Facility (Considered to be Confidential Business Information)	31, 1995, et
II-D-49	Letter and attachment, H. Robbins, Bison Engineering, Incorporation Continental Lime, Incorporated, to J. Wood, EPA:MICG, October enclosing response to NLA/EPA voluntary questionnaire for Pilot I Facility (Considered to be Confidential Business Information).	31, 1995,
II-D-50	Letter and attachment, H. Robbins, Bison Engineering, Incorporate Continental Lime, Incorporated, to J. Wood, EPA:MICG, October enclosing response to NLA/EPA voluntary questionnaire for Tacor (Considered to be Confidential Business Information).	31, 1995,

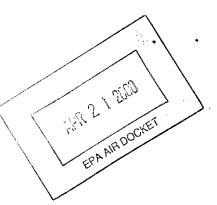
Items Considered in Developing Proposal
Subcategory II-D





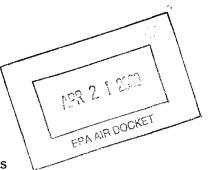
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- II-D-51 Letter and attachment, J.S. Castleberry, Mississippi Lime Management Company, to J. Wood, EPA:MICG, November 3, 1995, enclosing response to NLA/EPA voluntary questionnaire for Mississippi Lime Company (some data considered Confidential Business Information).
- II-D-52 Letter and attachment, J.S. Castleberry, Mississippi Lime Management Company, to J. Wood, EPA:MICG, November 3, 1995, enclosing response to NLA/EPA voluntary questionnaire for Eastern Ridge Lime, LP (some data considered Confidential Business Information).
- II-D-53 Letter and attachment, D. Schults, Ash Grove Cement Company, to J. Wood, EPA:MICG, November 7, 1995, enclosing response to NLA/EPA voluntary questionnaire for Rivergate facility.
- II-D-54 Letter and attachment, D. Schults, Ash Grove Cement Company, to J. Wood, EPA:MICG, November 7, 1995, enclosing response to NLA/EPA voluntary questionnaire for Springfield, MO facility.
- II-D-55 Letter and attachment, A. Paris, Huron Lime Company, to J. Wood, EPA:MICG, November 10, 1995, enclosing response to NLA/EPA voluntary questionnaire.
- II-D-56 Letter and attachment, J. Bradner, Global Stone Corporation, Detroit Lime Company, to J. Wood, EPA:MICG, November 15 1995, enclosing response to NLA/EPA voluntary questionnaire (letter not attached).
- II-D-57 Letter and attachment, D. Christiansen, Chemical Lime Company, to J. Wood, EPA:MICG, November 17, 1995, enclosing recent analyses of product lime from Alabaster and Montevallo, Alabama plants.
- II-D-58 Letter and attachment, E. Barry, Chemical Lime Company, to J. Wood, EPA:MICG, November 20, 1995, enclosing response to NLA/EPA voluntary questionnaire for Apex, North Las Vegas, Nevada plant.



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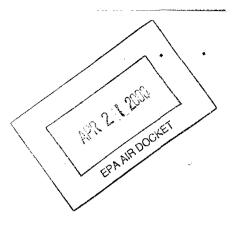
- II-D-59
 Letter and attachment, E. Barry, Chemical Lime Company, to J. Wood, EPA:MICG, November 20, 1995, enclosing response to NLA/EPA voluntary questionnaire for Douglas, Arizona, plant, Particulate Emissions Compliance Test Report, dated August 1995, Particulate Emissions Compliance Test Report, dated February 14, 1995, and Statistical Evaluation of Carbon Monoxide and Oxides of Nitrogen Emissions From Chemstar, Incorporate's Kilns 4, 5, and 6, dated February 27, 1995 (some data considered Confidential Business Information).
 II-D-60
 Letter and attachment, E. Barry, Chemical Lime Company, to J. Wood, EPA:MICG, November 20, 1995, enclosing response to NLA/EPA voluntary questionnaire for Delle, Utah, plant.
 - II-D-61 Letter and attachment, E. Barry, Chemical Lime Company, to J. Wood, EPA:MICG, November 20, 1995, enclosing response to NLA/EPA voluntary questionnaire for Grantsville, Utah, plant (some data considered Confidential Business Information).
 - II-D-62 Letter and attachment, E. Barry, Chemical Lime Company, to J. Wood, EPA:MICG, November 20, 1995, enclosing response to NLA/EPA voluntary questionnaire for Henderson, Nevada, plant (some data considered Confidential Business Information).
 - II-D-63 Letter and attachment, E. Barry, Chemical Lime Company, to J. Wood, EPA:MICG, November 20, 1995, enclosing response to NLA/EPA voluntary questionnaire for Nelson, Peach Springs, Nevada, plant (some data considered Confidential Business Information).
 - II-D-64 Letter and attachment, E. Barry, Chemical Lime Company, to J. Wood, EPA:MICG, November 20, 1995, enclosing response to NLA/EPA voluntary questionnaire for Tenmile, Bancroft, Idaho, plant (some data considered Confidential Business Information).
 - II-D-65 Letter and attachment, E. Penman, Marblehead Lime Company, to J. Wood, EPA:MICG, December 6, 1995, enclosing response to NLA/EPA voluntary questionnaire for Chicago, IL, plant (Considered to be Confidential Business Information).



Document No.

Description

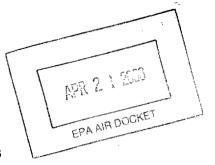
Letter and attachment, E. Penman, Marblehead Lime Company. to II-D-66 J. Wood, EPA:MICG, December 6, 1995, enclosing response to NLA/EPA voluntary questionnaire for Thornton, IL, plant (Considered to be Confidential Business Information). Letter and attachment, E. Penman, Marblehead Lime Company, to II-D-67 J. Wood, EPA:MICG, December 6, 1995, enclosing response to NLA/EPA voluntary questionnaire for Gary, IN, plant (Considered to be Confidential Business Information). Letter and attachment, E. Penman, Marblehead Lime Company, to II-D-68 J. Wood, EPA:MICG, December 6, 1995, enclosing response to NLA/EPA voluntary questionnaire for River Rouge, MI, plant which also includes response for Detroit, MI hydrate plant (Considered to be Confidential Business Information). Letter and attachment, D. Bray, Wimpey Minerals, to J. Wood, EPA:MICG, II-D-69 December 11, 1995, enclosing response to NLA/EPA voluntary questionnaire for Hanover facility. Letter and attachment, D. Bray, Wimpey Minerals, to J. Wood, EPA:MICG, II-D-70 December 11, 1995, enclosing response to NLA/EPA voluntary questionnaire for Milard facility. Letter and attachment, J. Lugo, Puerto Rican Cement Company, II-D-71 Incorporated, to J. Wood, EPA:MICG, December 12, 1995, enclosing response to NLA/EPA voluntary questionnaire. Letter and attachment, N. Barton, Pete Lien and Sons. Incorporated, to II-D-72 J. Wood, EPA:MICG, December 13, 1995, enclosing response to NLA/EPA voluntary questionnaire.



Document No.

- II-D-73 Letter and attachments, G. Wright, Ash Grove Cement Company, to J. Wood, EPA:MICG, December 19, 1995, enclosing report of results of a compliance source test conducted October 31 through November 2, 1995 at the facility located in Portland, Oregon (Letter, G. Wright, Ash Grove Cement Company, to J. Herbert, Source Testing Coordinator, Oregon DEQ, NW Region, enclosing results of compliance source testing results report attached).
- II-D-74 Letter and attachment, J. Carlton, Minerals Technologies, Incorporated, Specialty Minerals, Incorporated, Adams, MA, to J. Wood, EPA:MICG, January 18, 1996, enclosing response to NLA/EPA voluntary questionnaire (Considered to be Confidential Business Information).
- II-D-75 Facsimile, D. Craft, Monterey Bay United Air Pollution Control District, to J. Wood, EPA:MICG, March 8, 1996, additional information for response to NLA/EPA voluntary questionnaires for National at Moss Landing and Natividad.
- II-D-76 Letter and attachment, A. Taketomo, Monterey Bay Unified Air Pollution Control District, to J. Wood, March 14, 1996, enclosing excerpts and summaries of Volume 1: Emission Inventory Report, Appendices A and B entitled, "California Air Toxics Hot Spots Information and Assessment Act: Emission Inventory Report for National Refractories and Minerals Corporation Natividad Facilities."
- II-D-77 Letter and attachment, J. Castleberry, Mississippi Lime Management Company, to J. Wood, EPA:OAQPS:ESD:MICG, April 19, 1996, enclosing 1995 stack test report conducted at Eastern Ridge Lime, LP, report dated June 20,.1995 (Considered to be Confidential Business Information).
- II-D-78 Letter and attachment, D. Browning, United States Gypsum Company, to J. Wood, EPA:MICG, June 25, 1996, enclosing response to NLA/EPA voluntary questionnaire.

Items Considered in Developing Proposal Subcategory II-D EPA Correspondence From Outside Persons

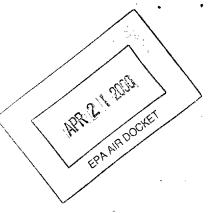


Document No.

- II-D-79 Letter, M. Brown, Continental Lime Incorporated, to J. Wood, EPA:OAQPS:ESD:MICG, September 5, 1996, requesting Confidential Business Information spreadsheets for Continental Lime Incorporated facilities.
- II-D-80 Letter, J. Castleberry, Mississippi Lime Management Company, to J. Wood, EPA:OAQPS:ESD:MICG, September 25, 1996, confirming receipt test plan for Eastern Ridge Lime plant.
- II-D-81 Letter, J. Castleberry, Mississippi Lime Management Company, to J. Wood, EPA:OAQPS:ESD:MICG, September 10, 1996, discussion of potential problems with emissions testing at Eastern Ridge Lime plant.
- II-D-82 Letter, J. Castleberry, Mississippi Lime Management Company, to J. Wood, EPA:OAQPS:ESD:MICG, September 30, 1996, discussion of why Eastern Ridge Lime will not allow emissions testing by EPA at the Eastern Ridge Lime plant.
- II-D-83 Letter, J. Castleberry, Mississippi Lime Management Company, to J. Wood, EPA:OAQPS:ESD:MICG, October 7, 1996, tentative agreement to allow EPA to do emission testing at Eastern Ridge Lime plant.
- II-D-84 Letter, L. Kinner, Emissions Monitoring Incorporated, to J. Wood, EPA:OAQPS:ESD:MICG, October 8, 1996, results of Emission Monitoring's review of the EPA test plans for APG Lime Corporation and Eastern Ridge Lime Company,
- II-D-85 Letter, L. Kinner, Emissions Monitoring Incorporated, to J. Wood, EPA:OAQPS:ESD:MICG, October 11, 1996, discussion of revisions to written test plans for emissions testing at APG Lime Corporation and Eastern Ridge Lime Corporation.
- II-D-86 Letter, J. Carlton, Minerals Technologies Incorporated, to J. Crowder, EPA:OAQPS, October 15, 1996, regarding changes to trip report and summary spreadsheets for Specialty Minerals Incorporated's HAP's questionnaire response (For final trip report, see II-B-22).

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Subcategory II-D
EPA Correspondence From Outside Persons

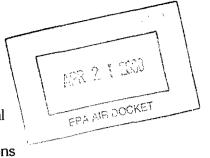


Document No.

- II-D-87 Letter and attachments, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, November 13, 1996, enclosing list of NLA members in the US and a copy of comments submitted by EMC for test plans for APG and Eastern Ridge plants in Virginia. (For a copy of the test plan comments, see attachments for II-D-84 and II-D-85).
- II-D-88 Letter and attachment, P. Fuller-Pratt, Western Sugar Company, to J. Wood, EPA:OAQPS:ESD:MICG, December 16, 1996, Enclosing beet sugar industry lime kiln summary.
- II-D-89 Letter and attachment, J. Castleberry, Mississippi Lime Company, Eastern Ridge Lime, Limited Partnership plant, to J. Wood, EPA:OAQPS:ESD:MICG, February 19, 1997, in 4 weeks Mississippi Lime Company will be providing review comments for draft chapter of the process description and operation from the Research Triangle Institute report of the emission test conducted at Eastern Ridge Lime plant in Ripplemead, Virginia, in October 1996 (attachment Considered to be Confidential Business Information).
- II-D-90 Letter and attachment, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, February 26, 1997, enclosing emission test report for testing at two lime kilns at Graybec Calc, Incorporated, in Marbleton, Quebec.
- II-D-91 Letter and attachment, A. Seeger, National Lime Association, April 7, 1997, enclosing preliminary thoughts on EPA's testing (attached is report, from L. Kinner, Emissions Monitoring Incorporated, discussing draft reports prepared by Pacific Environmental Services and Midwest Research Institute for EPA sponsored emissions testing conducted at Eastern Ridge Lime Corporation in Kimballton, Virginia, February 28, 1997).
- II-D-92 Letter and attachment, P. Fuller-Pratt, The Western Sugar Company, to J. Wood, EPA:OAQPS:ESD:MICG, April 11, 1997, enclosing comments for the December 5, 1996, conference call (For final meeting minutes, see II-E-24).

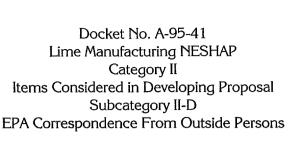
Items Considered in Developing Proposal Subcategory II-D

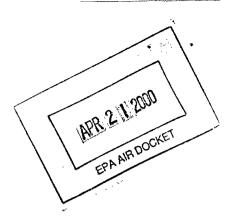
EPA Correspondence From Outside Persons



Document No.

- II-D-93 Letter, T. Schwartz, Beet Sugar Development Foundation, to J. Wood, EPA:OAQPS:ESD:MICG, May 20, 1997, responding to companies' size based on number of employees question from EPA.
- II-D-94 Letter and attachments, F. Thoits, Monterey Bay Unified Air Pollution Control District, to J. Wood, EPA:OAQPS:ESD:MICG, May 30, 1997, enclosing: (1) copies of the permits to operated for kilns #1, #2, #3, and #4; (2) summary sheet containing the maximum production and volumetric flow parameters for each permit; and (3) California Air Toxics Hot Spots Information and Assessment Act: Emission Inventory Report for National Refractories and Mineral Corporation Natividad Plant (3 volumes).
- II-D-95 Letter and attachment, J. Cole, RTI to J. Wood, EPA:OAQPS:ESD:MICG, June 3, 1997, enclosing facsimile of Ohio Environmental Protection Agency Stack Test Review Summary Report for Baseline Criteria Testing of Redland Ohio, Incorporated, and VOC Compliance Testing of Gemlime Corporation.
- II-D-96 Letter, J. Carlton, Mineral Technologies, to J. Cole, RTI, June 11, 1997, responding to questions received May 8, 1997, concerning Speciality Minerals plant in Adams, MA (For the list of questions, see II-C-31).
- II-D-97 Letter and attachment, L. Nielsen, Michigan Sugar Company, to J. Wood, EPA:OAQPS:ESD:MICG, June 30, 1997, enclosing non-CBI version of the voluntary questionnaire for gathering information from the beet sugar companies.
- II-D-98 Letter, R. Bonnema, APG Lime Corporation, to M. Toney, EPA:EMB, June 30, 1997, No comments on the reviewed draft stack testing reports on Kimballton, Virginia, plant.
- II-D-99 Letter and attachment, R. Roeder, APG Lime Corporation, to J. Wood, EPA:OAQPS:ESD:MICG, July 10, 1997, enclosing comments on draft report for the APG Lime Plant.

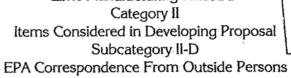


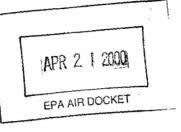


Document No.

- II-D-100 Letter and attachment, J. Castleberry, Mississippi Lime Company, to J. Wood, EPA:OAQPS:ESD:MICG, July 25, 1997, enclosing the report entitled, "Risk Associated with Hydrogen Chloride Emissions at Mississippi Lime Company," report dated July 1987, and HCl data from 1997 emissions testing at Mississippi Lime (Considered to be Confidential Business Information).
 II-D-101 Letter and attachment, G. Augustine, Southern Minnesota Beet Sugar Cooperative, to J. Wood, EPA:OAQPS:ESD:MICG, August 13, 1997, enclosing voluntary questionnaire for gathering information from the beet sugar companies.
- II-D-102 Letter and attachment, L. Carlson, American Crystal Sugar Company, to J. Wood, EPA:OAQPS:ESD:MICG, August 21, 1997, enclosing ICR responses for Crookston, Minnesota; Drayton, North Dakota; East Grand Forks, Minnesota; Moorhead, Minnesota; and Hillsboro, North Dakota facilities.
- II-D-103 Letter and attachments, D. DeLorey, The Amalgamated Sugar Company, to J. Wood, EPA:OAQPS:ESD:MICG, August 28, 1997, enclosing ICR responses for Paul Idaho; Twin Falls, Idaho; Nampa, Idaho; and Nyssa, Oregon facilities.
- II-D-104 Letter and attachments, P. Fuller-Pratt, The Western Sugar Company, to J. Wood, EPA:OAQPS:ESD:MICG, August 29, 1997, enclosing ICR responses for Ft. Morgan, Colorado; Greeley, Colorado; Billings, Montana; Lovell, Wyoming; Bayard, Nebraska; and Scotsbluff, Nebraska facilities.
- II-D-105 Letter and attachments, Sucre Holding Incorporated, Monitor Sugar Company (no letter attached), to J. Wood, EPA:OAQPS:ESD:MICG, September 1997, enclosing ICR response, supplement to Monitor Sugar Company operating permitting, and report entitled, "Source Emission Testing performed for Monitor Sugar Company, Bay City, Michigan, on the Lime Kiln," dated October 20, 1988.

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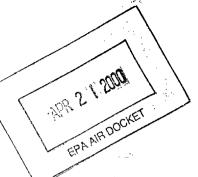




Document No.	<u>Description</u>
II-D-106	Letter and attachments, S. Sullivan, Imperial Holly Corporation, Holly Sugar Corporation, to J. Wood, EPA:OAQPS:ESD:MICG, September 2, 1997, enclosing ICR responses for Brawley, California; Hereford, Texas; Sidney, Montana; Torrington, Wyoming; Tracey, California; Worland, Wyoming; Mendota; California; and Woodland, California facilities.
II-D-107	Letter and attachment, J. Carlson, Minn-Dak Farmers Cooperative, to J. Wood, EPA:OAQPS:ESD:MICG, September 5, 1997, enclosing ICR response.
II-D-108	Letter and attachment, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, September 8, 1997, enclosing test report entitled, "Test Report on Exhaust Emissions from Two Horizontal Rotary Kilns (Units #1 and #2) at Chemical Lime Company's Bosque County Plant in Clifton, Texas," dated July 1997.
II-D-109	Letter and attachment, R. Henry, Dravo Lime Company, to C. Brockmann, RTI, September 25, 1997, enclosing particulate testing results.
II-D-110	Facsimile, J. Kortz, Global Stone Tenn Luttrell, to J. Wood, EPA:OAQPS:ESD:MICG, September 29, 1997, enclosing operating permits for both kilns.
II-D-111	Facsimile, D. Rosenthal, State of Wisconsin Department of Natural Resources, Superior Office, to C. Brockmann, RTI, October 1, 1997, enclosing stack testing results for CLM Corporation.
II-D-112	Facsimile, M. Kiss, Virginia Department of Environmental Quality, Valley Regional Office, to C. Brockmann, RTI, October 1, 1997, enclosing summary of Method 5 testing for W.S. Frey.
II-D-113	Facsimile, G. Castro, State of South Carolina, to J. Wood, EPA:OAQPS:ESD:MICG, October 8, 1997, enclosing pages from permit application for new facility for Palmetto Lime.

Items Considered in Developing Proposal (Subcategory II-D

EPA Correspondence From Outside Persons



Document No.

- II-D-114 Letter and attachment, D. Sutton, State of Illinois Environmental Protection Agency, Division of Air Pollution Control, Permit Section, to J. Wood, EPA:OAQPS:ESD:MICG, October 9, 1997, enclosing permit to construct and permit application for Vulcan Material Company.
- II-D-115 Letter and attachment, T. Panchyshyn, Continental Lime Incorporated, to J. Wood, EPA:OAQPS:ESD:MICG, October 9, 1997, enclosing EPA requested information regarding permit limits and compliance test/baghouse data for kiln #3 at Pilot Peak facility located near Wendover, Nevada.
- II-D-116 Facsimile, R. Henry, Dravo Lime Company, to C. Brockmann, RTI, October 16, 1997, enclosing emissions data on Kiln #4.
- II-D-117 Facsimile, D. Christiansen, Chemical Lime Company, to J. Wood, EPA:OAQPS:ESD:MICG, October 21, 1997, enclosing data for identical baghouse dust collectors installed on Kilns 3 and 4 at Montevallo, Alabama, plant.
- II-D-118 Letter and attachment, D. Christiansen, Chemical Lime Company, to J. Wood, EPA:OAQPS:ESD:MICG, October 24, 1997, enclosing a copy of the emission compliance test report for Ste. Genevieve, Missouri facility and a one-page summary entitled, "Kiln Baghouse Installation, Design, and Operating Data."
- II-D-119 Letter and attachments, R. Chakrabarty, State of West Virginia, Division of Environmental Protection, Office of Air Quality, Planning and Permitting, to J. Wood, EPA:OAQPS:ESD:MICG, October 27, 1997, enclosing response to information request for Germany Valley Limestone Riverton Plant (information regarding emissions and air pollution control devices used by the lime kilns and copies of 2 recent permits and engineering evaluation for 2 separate lime kilns).
- II-D-120 Letter and attachment, D. Kuk, Martin Marietta Magnesia Specialties, to J. Wood, EPA:OAQPS:ESD:MICG, October 31, 1997, enclosing requested information and data concerning #2 Lime Kiln baghouse at Woodville, Ohio, facility.

Items Considered in Developing Proposal Subcategory II-D

EPA Correspondence From Outside Persons

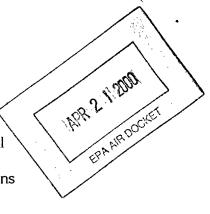


Document No.

- II-D-121 Facsimile, A. Taketomo, Monterey Bay Unified Air Pollution Control District, to J. Wood, EPA:OAQPS:ESD:MICG, March 14, 1996, copies of operating permits for three rotary calcining kilns used for dolomite processing at the National Refractories Natividad facility.
- II-D-122 Letter and attachment, J. Castleberry, Mississippi Lime Management Company, to J. Wood, EPA:OAQPS:ESD:MICG, April 19, 1996, enclosing full copy of the Fugro Midwest, Incorporated, report of the 1995 stack test conducted at Eastern Ridge Lime, Limited Partnership (Considered to be Confidential Business Information).
- II-D-123 Letter, J. Castleberry, Mississippi Lime Management Company, to J. Wood, EPA:OAQPS:ESD:MICG, February 26, 1997, Problems found while reviewing Pacific Environmental Services, Incorporated, report entitled, "Draft Final Report, Volume 2 of 2, Appendices C-F."
- II-D-124 Letter and attachment, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, July 18, 1997, enclosing letter from L. Linner, Emission Monitoring, Incorporated, to A. Seeger, National Lime Association, July 14, 1997, response to comments and questions raised by the EPA Contractor (RTI) regarding the NLA sponsored emissions testing conducted at Greybec Calc, Incorporated.
- II-D-125 Letter and attachments, D. Topley, Andersen 2000 Incorporated, to J. Wood, EPA:OAQPS:ESD:MICG, August 18, 1997, enclosing company brochures for information and review.
- II-D-126 Letter and attachment, R. Henry, Dravo Lime Company, to C. Brockmann, RTI, September 25, 1997, enclosing particulate testing results from the Kentucky facilities.
- II-D-127 Facsimile, D. Rosenthal, State of Wisconsin Department of Natural Resources, to C. Brockmann, RTI, October 1, 1997, enclosing CLM Corporation stack tests data.
- II-D-128 Facsimile, M. Kiss, Virginia Department of Environmental Quality, Valley Regional Office, to C. Brockmann, RTI, October 1, 1997, enclosing summary of the Method 5 testing for W.S. Frey.

Items Considered in Developing Proposal Subcategory II-D

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Document No.

- II-D-129 Letter and attachments, T. Panchyshyn, Continental Lime Incorporated, to J. Wood, EPA:OAQPS:ESD:MICG, October 9, 1997, enclosing information on the new kiln at Pilot Peak facility.
- II-D-130 Facsimile, R. Henry, Dravo Lime Company, to C. Brockmann, RTI, October 16, 1997, enclosing requested data information.
- II-D-131 Facsimile, D. Christiansen, Chemical Lime Company, to J. Wood, EPA:OAQPS:ESD:MICG, enclosing requested data information.
- II-D-132 Letter and attachment, D. Kuk, Martin Marietta Magnesia Specialities, to J. Wood, EPA:OAQPS:ESD:MICG, October 31, 1997, enclosing requested information and report entitled, "Emission Study South Baghouse for Martin Marietta Basic Products Magnesia Specialties Divisions," in Woodville, Ohio, dated, October 8, 1997.
- II-D-133 Letter, E. Malès, National Lime Association, to T. Kelly, EPA:Small Business Advocacy Chair, November 18, 1997, discussion on Small Business Regulatory Enforcement Fairness Act.
- II-D-134 Facsimile, B. Griffith, Clark County Health District Air Pollution Control Division, to C. Brockmann, RTI, January 21, 1998, enclosing an excerpt from Chemical Lime Company permit.
- II-D-135 Facsimile, B. Griffith, Clark County Health District Air Pollution Control Division, to C. Brockmann, RTI, January 21, 1998, enclosing an excerpt from Chemical Lime Company application referencing emission factor for PM₁₀ from kiln.
- II-D-136 Facsimile, T. Farzad, APG Lime Corporation, to C. Brockmann, RTI, January 22, 1998, enclosing a copy of the current permit 7807, dated October 16, 1995, with TX-PSD permit as a special provision and a copy of the old permit TX-PSD, dated August 28, 1986.
- II-D-137 Facsimile, T. Panchyshyn, Continental Lime Incorporated, to C. Brockmann, RTI, January 27, 1998, enclosing data concerning 4 lime kilns and the pounds of total suspended particulate per ton of limestone feed.

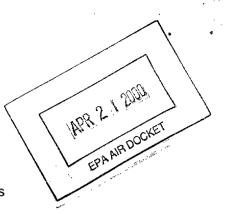
Items Considered in Developing Proposal Subcategory II-D

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Document No.

- II-D-138 E-mail, D. Ousley, Alabama Department of Environmental Management, to J. Wood, EPA:OAQPS:ESD:MICG, forwarded to C. Brockmann, RTI, September 26, 1997, information on new kilns and controls in Alabama.
- II-D-139 E-mail, D. Ousley, Alabama Department of Environmental Management, to C. Brockmann, RTI, September 26, 1997, information on new kilns and controls in Alabama.
- II-D-140 Letter, D. Christiansen, Chemical Lime Company, to J. Wood, EPA:OAQPS:ESD:MICG, January 20, 1998, confirmation of discussions during the pre-test survey of Marble Falls, Texas plant on January 14, 1998.
- II-D-141 Letter and attachment, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, January 20, 1998, enclosing test results report entitled, "Source Evaluation Report, Ash Grove Cement Company, Kiln #3 and Roller Mill/Dryer #4, November 20-21, 1997."
- II-D-142 Letter and attachment, T. Singley, Redland Stone Products Company, to J. Wood, EPA:OAQPS:ESD:MICG, February 4, 1998, enclosing the air permit for Redland Stone Products Company in Bexar County, Texas.
- II-D-143 Letter and attachments, D. Rosenthal, State of Wisconsin Department of Natural Resources, to C. Brockmann, RTI, January 23, 1998, enclosing stack test results from Kiln 3 at Cutler Magnum Lime Plant.
- II-D-144 Letter and attachments, P. Fuller-Pratt, Western Sugar Company, to J. Wood, EPA:OAQPS:ESD:MICG, January 28, 1998, enclosing comments for site surveys for plants in Lovell, Wyoming, and Billings, Montana for site visits on August 29, 1997 (For final trip reports, see II-B-49 and II-B-50).
- II-D-145 Letter, D. Christiansen, Chemical Lime Company, to W. Lamason, EPA:EMC, February 23, 1998, declaring draft site test plans for Chemical Lime Company's Alabaster and Montevallo, Alabama facilities as not CBI.
- II-D-146 Letter, L. Potts, Dravo Corporation, to W. Lamason, EPA:EMC, March 2, 1998, declaring draft site test plan for Dravo's Saginaw, Alabama facility as not CBI.



Document No.

- II-D-147 Letter and attachment, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, March 3, 1998, enclosing comments on draft site test plan for Chemical Lime Company and Dravo Lime Company. Facsimile, J. Stewart, State of Tennessee, to C. Brockmann, RTI, March 3. II-D-148 1998, enclosing information about Tenn Luttrell baghouse testing and a schematic of the baghouse at the Tenn Luttrell plant. II-D-149 Letter and attachment, D. Christiansen, Chemical Lime Company, to W. Lamason, EPA:EMC, March 5, 1998, enclosing comments on draft site test plan for Chemical Lime Company's Alabaster and Montevallo, Alabama facilities. II-D-150 Memorandum, T. Panchyshyn, Continental Lime Incorporated, to C. Brockmann, RTI, March 5, 1998, enclosing information from Continental Lime's MACT survey information about kilns #1 and #3 at the Cricket Mountain plant and kilns #1 and #2 at the Indian Creek plant.
- II-D-151 Letter, L. Potts, Dravo Lime Company, to M. Toney, EPA:OAQPS, March 5, 1998, discussion concerning modifications to kiln #4 requested by PES for testing to be done at Dravos' Saginaw, Alabama facility.
- II-D-152 Note and attachments, Note to the Docket, March 26, 1998, attached information was received by C. Brockmann, RTI, from D. Young, State of Wisconsin Department of Natural Resources, September 26, 1997, enclosing air permit calculation sheets; preconstruction review and preliminary determination on construction and operation permits; and construction permit for CLM Corporation kiln #4 in Superior, Wisconsin.

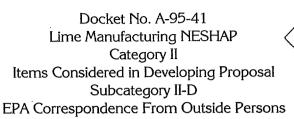
Items Considered in Developing Proposal Subcategory II-D

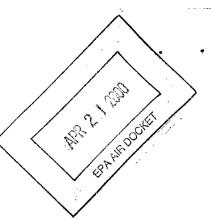
EPA Correspondence From Outside Persons.



Document No.

- II-D-153 Note and attachments, Note to the Docket, March 31, 1998, attached information was received by C. Brockmann, RTI, from Western Lime Corporation, enclosing Report, Stack Emission Testing of the No. 2 Lime Kiln Baghouse at Western Lime and Cement Company in Green Bay on October 19, 1994, Wisconsin, by Environmental Technology and Engineering Corporation, December 12, 1994; An air pollution control construction permit for Western Lime Corporation, dated July 23, 1996: and An air pollution control construction permit for Wester Lime Corporation, dated January 15, 1997. II-D-154 Facsimile, E. Barry, Chemical Lime, to C. Brockmann, RTI, February 25,
- 1998, enclosing information about Kiln 4 baghouse.
- II-D-155 Facsimile, D. Klemp, Montana Department of Environmental Quality, to J. Cole, RTI, March 24, 1998, enclosing information about lime kiln from Continental Lime Permit, dated June 15, 1981.
- II-D-156 Facsimile, R. Ondrusek, Indiana Department of Environmental Management, Office of Air Management, to J. Cole, RTI, March 25, 1998, enclosing copies PM limits for Marblehead Lime in Gary, Indiana and Inland Steel Company in Indiana Harbor, Indiana.
- II-D-157 Facsimile, J. Stewart, Tennessee Air Pollution Control Division, to J. Cole, RTI, March 25, 1998, enclosing requested lime kiln information.
- II-D-158 Facsimile, J. Stewart, Tennessee Air Pollution Control Division, to J. Cole, RTI, March 25, 1998, enclosing requested lime kiln information.
- II-D-159 Facsimile, R. Olsen, State of Utah, to J. Cole, RTI, March 26, 1998, enclosing requested lime kiln information about Continental Lime.
- Letter, D. Bush, Ohio EPA, Division of Air Pollution Control, to J. Cole, RTI, II-D-160 March 30, 1998, enclosing requesting lime kiln information.
- II-D-161 Facsimile, L. Toopal, Arizona Department of Environmental Quality, Air Quality Division, to J. Cole, RTI, April 3, 1998, enclosing requested lime kiln information.



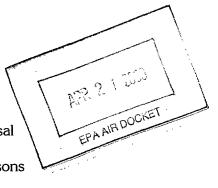


Document No.

- II-D-162 Facsimile, H. Naour, State of Illinois, Environmental Protection Agency, Division of Air Pollution Control, Permit Section, to J. Cole, RTI, April 6, 1998, enclosing requested lime kiln information.
 II-D-163 Letter, L. Kinner, Emission Monitoring Incorporated, to M. Toney, EPA:EMC, April 6, 1998, enclosing suggestions regarding future HCl emissions testing a lime kilns using gas filter infrared techniques on behalf of the National Lime Association.
 II-D-164 Letter, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, May 21, 1998, Comment and recommendations
- EPA:OAQPS:ESD:MICG, May 21, 1998, Comment and recommendations for the testing to be done at three lime plants in Texas in June.
- II-D-165 Letter, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, June 1, 1998, Requesting a written response for EPA's rationale for deciding not to follow NLA's recommendation for also testing using Method 26 at lime plants in Texas.
- II-D-166 Letter, D. Christiansen, Chemical Lime Company, to W. Lamason, EPA:OAQPS:EMC, June 9, 1998, Requesting draft site test plans for Chemical Lime Company's Marble Falls, Texas Facility to be declassified and treated as non-CBI.
- II-D-167 Letter and attachments, J. Ockuly, Neundorfer Engineered Systems, to J. Wood, EPA:OAQPS:ESD:MICG, June 12, 1998, Enclosing company brochures for information and review.
- II-D-168 Letter, D. Christiansen, Chemical Lime Company, to W. Lamason, EPA:OAQPS:EMC, June 16, 1998, Comments on draft test plans for the Marble Falls, Texas plant.
- II-D-169 Letter and attachments, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, June 17, 1998, Enclosing comments from Emission Monitoring, Incorporated for draft site test plan for the Texas lime plants.

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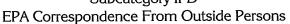
EPA Correspondence From Outside Persons

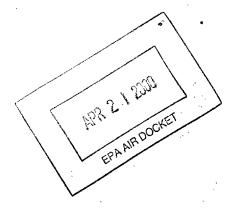


Document No.

- II-D-170 Facsimile, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, June 22, 1998, Summary of issues discussed during conference call on June 22, 1998.
- II-D-171 Facsimile, D. Christiansen, Chemical Lime, to J. Wood, EPA:OAQPS:ESD:MICG, September 18, 1998, Stating that draft Test Reports for Chemical Lime Company's Alabaster and Montevallo, Alabama Facilities are not considered to be confidential business information.
- II-D-172 Letter, T. Schwarz, Beet Sugar Development Foundation, to J. Wood, EPA:OAQPS:ESD:MICG, September 21, 1998, Commenting on EPA's proposal to include the carbonic process as used in beet sugar manufacturing as part of the MACT for lime kiln emission.
- II-D-173 Letter and attachments, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, November 12, 1998, Commenting on the draft reports of EPA's testing of Alabama lime plant emissions (Letter, L. Kinner, Emission Monitoring, Incorporated, to A. Seeger, National Lime Association, November 12, 1998, Commenting on Chemical Lime Company reports, and Letter, L. Kinner, Emission Monitoring, Incorporated, to A. Seeger, National Lime Association, November 12, 1998, Commenting on Dravo Lime Company report).
- II-D-174 Letter, L. Potts, Dravo Lime Company, to J. Crowder, EPA:OAQPS:ESD:MICG, November 2, 1998, Providing comments on the draft report of the process description and operation for Dravo's Saginaw, Alabama facility (For report see II-C-81).
- II-D-175 Letter and attachments, D. Christiansen, Chemical Lime Company (Fort Worth, Texas), to W. Lamason, EPA:EMC, November 10, 1998, Providing comments on the test reports conducted at Chemical Lime's Alabaster and Montevallo facilities; and the two test reports (For reports see II-A-13 and II-A-14).

Docket No. A-95-41 Lime Manufacturing NESHAP Category II Items Considered in Developing Proposal Subcategory II-D

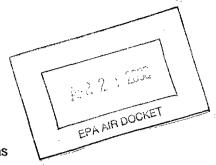




Document No.

- II-D-176 Letter and attachment, D. Christiansen, Chemical Lime Company, to J. Crowder, EPA:OAQPS:ESD:MICG, November 20, 1998, Providing comments and returning the draft report of the process description and operation for Chemical Lime's Marble Falls, Texas Facility (For report see II-C-82).
- II-D-177 Letter, L. Potts, Dravo Lime Company, to J. Crowder,
 EPA:OAQPS:ESD:MICG, October 20, 1998, Draft Report of the Process
 Description and Operation for Dravo's Saginaw, Alabama Facility.
- II-D-178 Letter, D. Christiansen, Chemical Lime, to W. Lamason, EPA:OAQPS:ESD, November 30, 1998, Draft Test Report for Chemical Lime Company's Marble Falls, Texas Facility.
- II-D-179 Letter, A. Paris, Huron Lime Company, to J. Crowder, EPA:OAQPS:ESD:MICG, December 7, 1998, Draft Document of the Description and Operation for Emissions Tests Conducted at Huron Lime Company.
- II-D-180 Letter, D. Kuk, Martin Marietta Magnesia Specialties, to J. Crowder, EPA:OAQPS:ESD:MICG, December 21, 1998, Draft Report of the process description and operation for the emissions testing that was conducted at the Martin Marietta Magnesia Specialties facility at Woodville, Ohio.
- II-D-181 Letter, D. Matchett, Lafarge Lime, to M. Toney, EPA:OAQPS:TSD, March 4, 1999, Lafarge Lime Texas Kiln Source Characterization.
- II-D-182 Letter, A. Paris, Huron Lime Company, W. Lamason, EPA:OAQPS:ESD, March 4, 1999, Review of the forwarded draft reports covering air emission testing conducted at the Huron Lime Company.
- II-D-183 Letter, D. Kuk, Martin Marietta Magnesia Specialties, to J. Wood, EPA:OAQPS:ESD:MICG, March 8, 1999, Draft Final Report: EPA Testing of Martin Marietta Specialties Inc., Woodville, Ohio Facility.
- II-D-184 Letter and Attachment, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, March 8, 1999, Draft Reports: EPA Testing of Ohio Lime Plant Emissions.

Items Considered in Developing Proposal
Subcategory II-D
EPA Correspondence From Outside Persons



Document No.

- II-D-185 Letter, D. Christainsen, Chemical Lime, to W. Lamason, EPA:OAQPS:EMC, March 11, 1999, Draft Test Report for Chemical Lime Company's Marble Falls, Texas Facility.
- II-D-186 Letter and Attachment, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, April 6, 1999, Draft Reports: EPA Testing of Texas Lime Plant Emissions.
- II-D-187 Letter and Attachment, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, April 19, 1999, Requesting that a primary focus of the April 27, 1999 meeting be an examination of alternatives to EPA's 1997 preliminary screening analysis for HCl emissions from lime kilns.
- II-D-188 Letter, D. Christiansen, Chemical Lime, to W. Lamason, EPA:OAQPS:EMC, April 29, 1999, Draft Test Report for Chemical Lime Company's Marble Falls, Texas Facility.
- II-D-189 Letter, R. Mapes, National Lime and Stone Company, to J. Wood, EPA:OAQPS:ESD:MICG, May 19, 1999, Process information and CBI designation.
- II-D-190 Letter, D. Kuk, Martin Marietta Magnesia Specialties, to J. Crowder, EPA:OAQPS:ESD:MICG, June 25, 1999, Review of the second draft report of the process description and operation for the emission testing that was conducted at the Martin Marietta Magnesia Specialties facility at Woodville, Ohio.
- II-D-191 Electronic Mail, M. Miller, U. S. Geological Survey, to C. Brockmann, RTI, November 19, 1999, Correspondence concerning list of lime plants in the United States (For list of lime plants see II-D-192).
- II-D-192 Electronic Mail and attachment, M. Miller, U. S. Geological Survey, to C. Brockmann, RTI, November 19, 1999, Attaching list of lime plants in the United States as of November 19, 1999.

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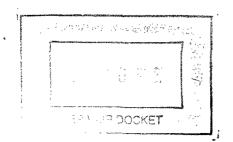
Category II

Items Considered in Developing Proposal Subcategory II-D

EPA Correspondence From	m Outside Persons

Document No.	<u>Description</u>
II-D-193	Letter, A. Seeger, National Lime Association, to W. Lamason, EPA:OAQPS:EMC, March 29, 2000, Expressing concerns on ASTM HCl method.
II-D-194	Facsimile and attachment, J. Dean, Greer Industries, Incorporated, to J. Wood, EPA:OAQPS:ESD:MICG, May 25, 2000, Attaching emissions test report of Greer Lime Company, Riverton, West Virginia.
II-D-195	Letter, T. Panchyshyn, Graymont Western US, Incorporated, to J. Wood, EPA:OAQPS:ESD:MICG, August 29, 2000, Corrections to Lime MACT Docket items.
II-D-196	Letter and attachment, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, September 21, 2000, Comments on final FTIR report for Marin Marietta Magnesia Specialties.





Category II Items Considered in Developing Proposal Subcategory II-D

Document No.	<u>Description</u>
II-D-197	Letter and attachment, L. Kinner, Emission Monitoring, Incorporated, to member D22.03, not dated, Enclosing draft ASTM Test Method Z8662Z and requesting comments and subcommittee ballot.
II-D-198	Letter, J. LaCosse, Eastern Research Group, to M. Toney, EPA:OAQPS:EMC, December 16, 1998, Responding to comments from National Lime Association dated July 13, 1998.
II-D-199	Letter, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, January 12, 2000, Responding to information requests.
II-D-200	Letter and attachment, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, March 6, 2000, Attaching edits to the list of National Lime Association member small businesses.
II-D-201	Letter, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, March 13, 2000, Settlement discussions pertaining to HCl analytical method.
II-D-202	Letter, L. Kinner, Emission Monitoring, Incorporated, to T. Harrison, EPA:OAQPS:EMC, June 30, 2000, ASTM HCl method development.
II-D-203	Electronic Mail, J. Smith, Institute of Clean Air Companies, to J. Wood, EPA:OAQPS:ESD:MICG, October 19, 2000, Dry lime injection.
II-D-204	Letter and attachment, H. Prillaman, National Lime Association, to T. Kelly, EPA Small Business Advocacy Chair, January 10, 2001, Requesting information on previous MACT standards.
II-D-205	Memorandum and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, January 12, 2001, Comments on Portland Cement NESHAP Proposal acknowledging that method 26 may be biased low.
II-D-206	Letter and attachment, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, January 23, 2001, Outlining concerns for small businesses in the Lime Manufacturing industry.

A-95-41

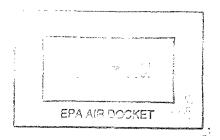
Lime Manufacturing NESHAP

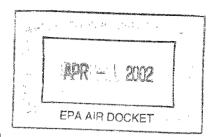
Category II

Items Considered in Developing Proposal

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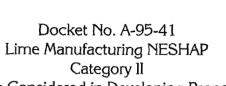
Document No.	<u>Description</u>
II-D-207	Letter, A. Seeger, National Lime Association, to J. Wood and J. Crowder, EPA:OAQPS:ESD:MICG, February 23, 2001, Continued evaluation of EPA's analysis of cost impacts.
II-D-208	Electronic Mail, E. Males, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, February 21, 2001, Followup information on spray cooler costs.
II-D-209	Letter and attachment, E. Males, National Lime Association, to J. Wood and J. Crowder, EPA:OAQPS:ESD:MICG, March 30, 2001, Continued evaluation of EPA's analysis of cost impacts. (Attachment: A hypothetical case study on implementing the portland cement NESHAP at a typical lime manufacturing plant, "The hidden costs of a NESHAP on a typical lime plant")
II-D-210	Letter and attachment, E. Males, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, April 17, 2001, Continued evaluation of EPA's analysis of cost impacts.

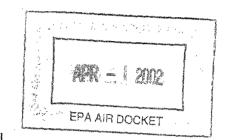




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Document No.	<u>Description</u>
II-D-211	Letter and attachment, H. Prillaman, National Lime Association, to T. Kelly, EPA, Small Business Advocacy Chair, January 10, 2001, Method of comparing rule costs to revenues.
II-D-212	Electronic mail, A. Seeger, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, February 7, 2001, Comments on costing.
II-D-213	Electronic mail, E. Males, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, February 21, 2001, Follow up Information on Spray Cooler Costs.
II-D-214	Letter, A. Seeger, National Lime Association, to J. Wood and J. Crowder, EPA:OAQPS:ESD:MICG, February 23, 2001, Status report on ongoing evaluations of the Lime MACT on small businesses.
II-D-215	Letter and attachment, E. Males, National Lime Association, to J. Wood and J. Crowder, EPA:OAQPS:ESD:MICG, March 30, 2001, Response March 15 and March 29 electronic mail regarding cost estimates.
II-D-216	Letter and attachment, E. Males, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, April 17, 2001, Suggestions to make EPA's cost estimates better represent lime industry applications.
II-D-217	Letter, A. Seeger, National Lime Association, to J. Wood and J. Crowder, EPA:OAQPS:ESD:MICG, April 25, 2001, EPA cost estimates for testing, monitoring, corrective action, planning, recordkeeping and reporting.
II-D-218	Letter and attachments, A. Seeger, National Lime Association, to T. Kelly, EPA: Small Business Advocacy Chair, June 25, 2001, Small lime company total revenues.
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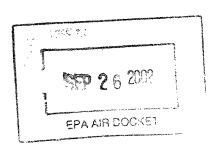
Category II Items Considered in Developing Proposal Subcategory II-D EPA Correspondence From Outside Persons

Document No	. <u>Description</u>
II-D-219	Electronic mail, J. Pawlow, Small Business Administration, to T. Kelly, EPA: Small Business Advocacy, Chair, June 26, 2001, Small Lime Company Total Revenues and Impacts.
II-D-220	Letter, A. Seeger, National Lime Association, to T. Gibson, EPA: Associate Administrator for Policy, Economics, and Innovation, July 3, 2001, Concerns regarding a draft EPA rule's adverse impact on lime plants operated by small businesses.
II-D-221	Electronic mail with attachments, J. Pawlow, Small Business Administration, to T. Kelly, EPA: Small Business Advocacy Chair, July 12, 2001, Small Lime Company Impacts Associated with the Lim Manufacturing NESHAP Rule.
II-D-222	Electronic mail, A. Seeger, National Lime Association, to J. Wood and J. Crowder, EPA:OAQPS:ESD:MICG, undated, Costs of Testing, Monitoring, Corrective Action, Record keeping and Reporting, etc. for Kilns and Coolers.

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Document No.	<u>Description</u>
II-D-223	Electronic mail, E. Males, National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, January 23, 2002, Update on Risk Assessment Report.
II-D-224	Electronic mail and attachment, E. Males, National Lime Association, to B. Allen, OMB, K. Barnett, EPA:OAR, J. Pawlow, Small Business Administration, J. Wood, EPA:OAQPS:ESD:MICG, J. Crowder, EPA:OAQPS:ESD:MICG, January 31, 2002, Sumary of NLA HCl Risk Assessment.
II-D-225	Memorandum, A. Seeger, National Lime Association and A. Kao, ENVIRON, to J. Wood and J. Crowder, EPA:OAQPS:ESD:MICG, February 13, 2002, Final Report on Modeling of Lime Kiln HCl Emissions.
П-D-226	Electronic mail, J. Pawlow, Small Business Administration, to S. Silverman, EPA:OGC, March 13, 2002, Subcategorization of Sources Under Clean Air Act § 112.



Docket No. OAR-2002-0052 Lime Manufacturing NESHAP Category II Items Considered in Developing Proposal Subcategory II-D EPA Correspondence From Outside Persons

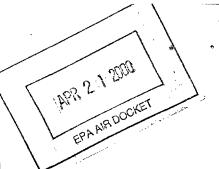
Document No.

Description

II-D-227 Electronic mail, J. Pawlow, Small Business Administration, to J. Wood, EPA:OAQPS:ESD:MICG, J. Crowder, EPA:OAQPS:ESD:MICG, K. Barnett, EPA:OAR, B. Allen, OMB, K. Bromberg, SBA, and A. Perez, SBA, May 8, 2002, regarding request to meet.

II-D-228 Letter, A. Seeger National Lime Association, to J. Wood, EPA:OAQPS:ESD:MICG, K. Bromberg, SBA and B. Allen, OMB, September 18, 2002, Four Outstanding Issues in Lime Manufacturing MACT.





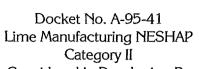
Items Considered in Developing Proposal Subcategory II-E

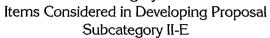
Document No	. <u>Description</u>
II-E-1	Memorandum, E. Heath, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, July 12, 1995, minutes of the June 13, 1995, with EPA and NLA meeting.
II-E-2	Telephone Contact Summary, D. Chester, RTI, with B. Strickland, Holly Sugar Company, June 5, 1996, requesting information about the plants for possible questionnaire.
II-E-3	Telephone Contact Summary, D. Chester, RTI, with P. Fuller-Pratt, Western Sugar Company, June 5–6, 1996, gathering information on plant lime manufacturing operations.
II-E-4	Telephone Contact Summary, C. Brockmann, RTI, with J. Collins, Eastern Ridge Lime, January 27, 1997, gathering information on plant lime manufacturing operations.
II-E-5	Telephone Contact Summary, C. Brockmann, RTI, with R. Downy, J.E. Baker Company, February 13, 1997, to determine if exhaust from lime kiln is used in manufacturing process at plant.
II-E-6	Telephone Contact Summary, C. Brockmann, RTI, with W. West, LTV Steel Company, February 13, 1997, to determine if exhaust from lime kiln is used in manufacturing process at plant.
II-E-7	Telephone Contact Summary, C. Brockmann, RTI, with M. Miller, US Department of Interior and US Geological Survey and Mineral Information, February 13, 1997, to determine which captive lime plants use the exhaust from the kiln.
II-E-8	Telephone Contact Summary, C. Brockmann, RTI, with J. Caron, Inland Steel Flat Products Company, February 14, 1997, to determine if exhaust from lime kiln is used in manufacturing process at plant.
II-E-9	Telephone Contact Summary, C. Brockmann, RTI, with D. Cramer, US Department of Interior and US Geological Survey and Mineral Information, February 13, 1997, to determine if captive lime plants that produce magnesium products use kiln exhaust.



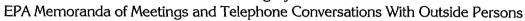
Category II
Items Considered in Developing Proposal
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Document No.	<u>Description</u>
II-E-10	Telephone Contact Summary, J. Turner, RTI, with J. Reinertsen, Minnesota Pollution Control Agency, February 19, 1997, to discuss HCl emissions from coal-fired boilers.
II-E-11	Telephone Contact Summary, J. Turner, RTI, with S. Selle, Northwest Research, Incorporated, February 20, 1997, discussion on boilers at American Crystal regarding coal type, chlorine content, and HCl emissions.
II-E-12	Telephone Contact Summary, J. Turner, RTI, with T. Bachmann, North Dakota Department of Environment, February 20, 1997, discussion of HCI emission estimates at American Crystal Sugar
II-E-13	Telephone Contact Summary, J. Turner, RTI, with J. Smith, American Crystal Sugar Company, February 20, 1997, discussion on boilers at American Crystal regarding type and HCI emissions.
II-E-14	Telephone Contact Summary, J. Turner, RTI, with T. Linser, control room supervisor, Boswell Energy Center, February 24, 1997, discussion on boiler type.
II-E-15	Telephone Contact Summary, J. Turner, RTI, with B. Sheehan, Riley Stoker Company, February 26, 1997, discussion on boiler type.
II-E-16	Telephone Contact Summary, J. Cole, RTI, with D. Stone, Cutler-Manger Company, April 3, 1997, to determine if the kilns had a attached cooler controlled by ESPs.
II-E-17	Telephone Contact Summary, J. Cole, RTI, with J. Dahl, Linwood Mining and Materials Corporation, April 4, 1997, to determine what design coolers that company has installed.
II-E-18	Telephone Contact Summary, J. Cole, RTI, with R. Henry, Dravo Lime Company, April 4, 1997, to determine what design coolers the company has installed.
II-E-19	Telephone Contact Summary, J. Cole, RTI, with G. Wright, Ash Grove Cement Company, April 4, 1997, to determine what design coolers the company has installed.









Document No.	<u>Description</u>
II-E-20	Telephone Contact Summary, J. Cole, RTI with J. Kortz, Tennessee Luttrell Company, April 7, 1997, to determine what design coolers the company has installed.
II-E-21	Telephone Contact Summary, J. Turner, RTI, with D. Schultz, Ash Grove Lime Plant, April 7, 1997, discussion of type of cooler and how it works.
II-E-22	Telephone Contact Summary, J. Cole, RTI, with R. Cox, Redland Ohio, Incorporated, Millersville Plant, April 8, 1997, to determine what design cooler the company has installed.
II-E-23	Telephone Contact Summary, C. Brockmann, RTI, with J. Jacoby, Wimpey Minerals, Hanover Facility, April 25, 1997, to discuss fuel type and scrubber type at the facility.
II-E-24	Memorandum and attachment, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, May 1, 1997, enclosing final meeting minutes for the conference call with beet sugar industry on December 5, 1996.
II-E-25	Telephone Contact Summary, J. Cole, RTI, with D. Stiff, Ohio Department of Natural Resources, Geological Research Section, May 9, 1997, to determine if there are limestone deposits continuing kerogen being mined in Ohio for lime manufacturing.
II-E-26	Telephone Contact Summary, J. Cole, RTI, with K. Kincart, Michigan Department of Natural Resources, Michigan Geological Survey, May 13, 1997, to determine if there are limestone deposits containing kerogen being mined in Michigan for lime manufacturing.
II-E-27	Telephone Contact Summary, J. Cole, RTI, with J. Ren, United States Geological Survey (USGS), May 13, 1997, to determine if there are limestone deposits containing kerogen being mined in the Western US for lime manufacturing.
II-E-28	Telephone Contact Summary, J. Cole, RTI, with T. Endish, Ohio EPA, May 21, 1997, to determine if any State of Ohio air pollution inspectors have knowledge of any visible emissions from lime manufacturing plants in their areas.



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Lime Manufacturing NESHAP Category II Items Considered in Developing Proposal Subcategory II-E

Document No.	. <u>Description</u>
II-E-29	Telephone Contact Summary, J. Cole, RTI, with S. Naber, Ohio EPA, May 21, 1997, to determine if any State of Ohio air pollution inspectors have knowledge of any visible emissions from lime manufacturing plants in their areas.
II-E-30	Telephone Contact Summary, C. Brockmann, RTI, with S. Castleberry, Mississippi Lime Company, June 16, 1997, Inquiry about stone dryer at plant.
II-E-31	Telephone Contact Summary, C. Brockmann, RTI, with J. Carlton, Specialty Minerals, Incorporated, June 16, 1997, Inquiry about stone dryer at plant.
II-E-32	Telephone Contact Summary and attachment, J. Cole, RTI, with G. Wright, Ash Grove Cement Company, July 21, 1997, clarification of some of their hydrator production numbers which cannot be confirmed by calculation and facsimile to J. cole, RTI, from G. Wright, Ash Grove Cement Company, showing calculations.
II-E-33	Telephone Contact Summary, J. Cole, RTI, with C. Koenings, Western Lime Corporation, July 23, 1997, clarification of some of their hydrator production numbers which cannot be confirmed by calculation.
11-E-34	Telephone Contact Summary, J. Cole, RTI, with J. Littleton, Cheney Lime and Cement Company, July 23, 1997, clarification of some of their hydrator production numbers which cannot be confirmed by calculation.
II-E-35	Telephone Contact Summary, J. Cole, RTI, with E. Berry, Chemical Lime, July 29, 1997, clarification of some of their hydrator production numbers which cannot be confirmed by calculation.
II-E-36	Telephone Contact Summary, J. Cole, RTI, with D. Klewsaat, Blue Circle Incorporated, July 29, 1997, clarification of some of their hydrator production numbers which cannot be confirmed by calculation.
II-E-37	Memorandum, C. Brockmann, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, July 30, 1997, minutes for representatives from the lime manufacturing industry and EPA meeting on June 17, 1997.



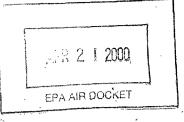
Docket No. A-95-41 Lime Manufacturing NESHAP

Category II

Items Considered in Developing Proposal
Subcategory II-E

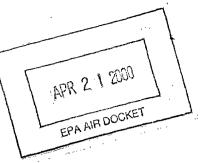
EPA Memoranda of Meetings and Telephone Conversations With Outside Persons

Document No.	<u>Description</u>
II-E-38	Memorandum and attachments, J. Cole, RTI, to J. Wood, EPA:OAQPS:ESD:MICG, August 18, 1997, summary of the lime NESHAP planned MACT meeting on July 21, 1997.
II-E-39	Telephone Contact Summary, C. Brockmann, RTI, with M. Kiss, Virginia Department of Environmental Quality, Valley Regional Office, September 22, 1997, clarify determination for kiln.
II-E-40	Telephone Contact Summary, C. Brockmann, RTI, with P. Buonviri, Virginia Department of Environmental Quality, Valley Regional Office, October 1, 1997, request emissions data for Chemstone Corporation.
II-E-41	Telephone Contact Summary, C. Brockmann, RTI, with D. Rosenthal, State of Wisconsin, Department of Natural Resources, Superior Office, October 1, 1997, clarify test data faxed to Research Triangle Institute.
II-E-42	Telephone Contact Summary, C. Brockmann, RTI, with M. Kiss, Virginia Department of Environmental Quality, Valley Regional Office, October 1, 1997, clarify permit limits for kiln at W.S. Frey Company and request emissions data for kiln at W.S. Frey Company and Chemstone Company.
II-E-43	Telephone Contact Summary, C. Brockmann, RTI, with R. Maxwell, Pennsylvania Department of Environmental Protection, October 3, 1997, to acquire PM test data for Bellefonte Lime Company.
II-E-44	Telephone Contact Summary, C. Brockmann, RTI, with D. Waltermeyer, Ohio EPA Northwest District, October 7, 1997, to obtain emissions data for J.E. Baker Company.
II-E-45	Telephone Contact Summary, C. Brockmann, RTI, with D. Rosenthal, State of Wisconsin, Department of Natural Resources, Superior Office, October 1, 1997, to clarify test data faxed to RTI.
II-E-46	Telephone Contact Summary, C. Brockmann, RTI, with R. Henry, Dravo Lime, October 6, 1997, to request production data and test dates.
II-E-47	Telephone Contact Summary, C. Brockmann, RTI, with J. Kortz, Global Stone Tenn Luttrell, October 14, 1997, to clarify permit regarding double shaft kilns.



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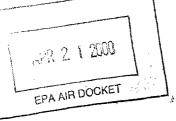
Document No	. <u>Description</u>
II-E-48	Telephone Contact Summary, C. Brockmann, RTI, with R. Henry, Dravo Lime, October 16, 1997, to collect information on new kilns.
II-E-49	Telephone Contact Summary, C. Brockmann, RTI, with S. Castleberry, Mississippi Lime Company, October 16, 1997, to find out if plant is building a double-shaft vertical kiln.
II-E-50	Telephone Contact Summary, J. Cole, RTI, with S. Castleberry, Mississippi Lime Company, October 31, 1997, to discuss lime dust and sludge disposal.
II-E-51	Telephone Contact Summary, C. Brockmann, RTI, with J. Sheiler, APG Lime Company, April 2, 1994, discussion about type of coolers at the plant.
II-E-52	Telephone Contact Summary, C. Brockmann, RTI, with M. Miller, US Department of Interior and US Geological Survey Mineral Information, January 3, 1997, discussion of makeup of quicklime.
II-E-53	Telephone Contact Summary, C. Brockmann, RTI, with P. Fuller-Pratt, Western Sugar Company, February 12, 1997, discuss HCl emissions and to get information on the best sugar plant that consumes the most coal.
II-E-54	Telephone Contact Summary, C. Brockmann, RTI, with J. Jacoby, Wimpey Minerals, March 26, 1997, discuss calcimatic kilns at Hannover plant.
II-E-55	Telephone Contact Summary, C. Brockmann, RTI, with D. Hengen, Pete Lien and Sons, Incorporated, March 27, 1997, discuss contact cooler on kiln.
II-E-56	Telephone Contact Summary, C. Brockmann, RTI, with J. Jacoby, Wimpey Minerals, April 2, 1997, discuss type of cooler used on calcimatic kilns at Hannover plant.
II-E-57	Telephone Contact Summary, C. Brockmann, RTI, with R. Zavatti, Fuller Minerals Processing, Incorporated, April 2, 1997, discuss contact and grate coolers.



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Document No.	<u>Description</u>
II-E-58	Telephone Contact Summary, C. Brockmann, RTI, with P. Fuller-Pratt, Western Sugar Company, April 18, 1997, clarify comments made by P. Fuller-Pratt to draft minutes of the conference call held December 5, 1996, among representatives of the beet sugar industry, EPA, and RTI.
II-E-59	Telephone Contact Summary, C. Brockmann, RTI, with P. Buonviri, Virginia Department of Environmental Quality, Valley Regional Office, October 1, 1997, request of emission data for Chemstone Corporation.
II-E-60	Telephone Contact Summary, C. Brockmann, RTI, with D. Rosenthal, State of Wisconsin, Department of Natural Resources, Superior Office, October 1, 1997, clarify test data faxed to RTI.
II-E-61	Telephone Contact Summary, C. Brockmann, RTI, with R. Henry, Dravo Lime, October 6, 1997, request production data and test dates.
II-E-62	Telephone Contact Summary, C. Brockmann, RTI, with J. Kortz, Global Stone Tenn Luttrell, October 14, 1997, clarify permit regarding double shaft kilns.
II-E-63	Telephone Contact Summary, C. Brockmann, RTI, with R. Henry, Dravo Lime, October 16, 1997, collect information on new kilns.
II-E-64	Telephone Contact Summary, C. Brockmann, RTI, with S. Castleberry, Mississippi Lime Company, October 16, 1997, find out if plant is building a double-shaft vertical kiln.
II-E-65	Telephone Contact Summary, J. Cole and J. Turner, RTI, with S. Castleberry, Mississippi Lime Company, October 31, 1997, discussion on lime dust and sludge disposal.
II-E-66	Telephone Contact Summary, C. Brockmann, RTI, with J. Bradner, Detroit Lime Company, January 21, 1998, requesting PM data.
II-E-67	Telephone Contact Summary, C. Brockmann, RTI, with T. Farzad, APG Lime Corporation, January 22, 1998, clarification of PM emission limit.

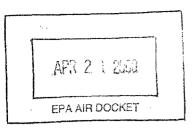
Category II
Items Considered in Developing Proposal
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Document No.	<u>Description</u>
II-E-68	Telephone Contact Summary, C. Brockmann, RTI, with M. McNinch, Clark County Health District, Air Pollution Control Division, January 26, 1998, verification of the test method(s) for compliance with PM and PM ₁₀ at Chemical Lime's Apex Plant in North Las Vegas, Nevada.
II-E-69	Telephone Contact Summary, C. Brockmann, RTI, with R. Henry, Dravo Lime, January 29, 1998, collecting baghouse information on kiln #4.
II-E-70	Telephone Contact Summary, C. Brockmann, RTI, with E. Berry, Chemical Lime, February 25, 1998, control device information and emissions data for RK4 and North Las Vegas plant.
II-E-71	Telephone Contact Summary, C Brockmann, RTI, with J. Kortz, Global Stone Tenn Luttrell, March 2, 1998, to find out type of cleaning method for the baghouse on the double-shaft vertical kiln and the compliance test method for PM from the rotary kiln.
II-E-72	Telephone Contact Summary, C. Brockmann, RTI, with M. Ferral, Wayne County Department of Environment, Air Quality Management Divisions, March 3, 1998, requesting Method 5 data for RK2 and Detroit Lime Company and clarify PM emission limit in permit.
II-E-73	Telephone Contact Summary, C. Brockmann, RTI, with J. Stewart, March 3, 1998, to find out the compliance test method from PM from the rotary kiln at Global Stone Tenn Luttrell (See II-D-148 for information about Tenn Luttrell baghouse testing and a schematic of the baghouse at the Tenn Luttrell plant).
II-E-74	Telephone Contact Summary, C. Brockmann, RTI, with T. Panchyshyn, Continental Lime Incorporated, March 4, 1998, to determine if previously faxed PM data represent 3-run averages.
II-E-75	Telephone Contact Summary, J. Cole, RTI, with R. Ondrusek, Indiana Department of Environmental Management, Office of Air Management, Air Permits Branch, March 27, 1998, to find out PM limits for kilns at two plants in the area.

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Document No.	<u>Description</u>
II-E-76	Telephone Contact Summary, C. Brockmann, RTI, with J. Nast, Western Lime Corporation, April 14, 1998, to find out design parameters for baghouse on new kiln.
II-E-77	Telephone Contact Summary, C. Brockmann, RTI, with J. Carson, Inland Steel Flat Products Company, April 14, 1998, to obtain test data for kilns at plant.
II-E-78	Telephone Contact Summary, C. Brockmann, RTI, with R. Ondrusek, Indiana Department of Environmental Management, Office of Air Management, Air Permits Branch, April 14, 1998, to find out if PM test data exits for kilns at Marblehead Lime in Gary, Indiana.
II-E-79	Telephone Contact Summary, C. Brockmann, RTI, with C. Harrell, Arkansas Commission on Pollution Control and Ecology, April 15, 1998, to find out number of kilns and PM permit limits for kilns at Arkansas lime company.
II-E-80	Telephone Contact Summary, C. Brockmann, RTI, with J. Sperry, Illinois Environmental Protection Agency, Bureau of Air, April 15, 1998, to find out number of kilns and permit limit for lime kilns at Vulcan Materials Company in McCook, Illinois.
II-E-81	Telephone Contact Summary, C. Brockmann, RTI, with E. Begg, Missouri Department of Natural Resource, April 15, 1998, to find out number of active kilns at Mississippi Lime in Ste. Genevieve, Missouri.
II-E-82	Telephone Contact Summary, J. Cole, RTI, with H. Naor, Illinois EPA, April 1, 1998, To obtain PM permit limits for kilns at plants that does not have questionnaire data.
11-E-83	Telephone Contact Summary, C. Brockmann, RTI, with T. Sattler, Ohio EPA, Northwest District Office, May 11, 1998, To determine units of operating rates specified in emissions data received in the past from Ohio EPA.



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Document No	. <u>Description</u>
II-E-84	Telephone Contact Summary, C. Brockmann, RTI, with R. Davis, Pennsylvania Department of Environmental Protection, South Central Region, May 15, 1998, To inquire about PM limits for lime kilns permitted by the south central region office.
II-E-85	Telephone Contact Summary, C. Brockmann, RTI, with D. Verma, Pennsylvania Department of Environmental Protection, Northwest Regional Office, May 15, 1998, To inquire about PM limits for lime kilns permitted by the northwest regional office.
II-E-86	Telephone Contact Summary, C. Brockmann, RTI, with R. Maxwell, Pennsylvania Department of Environmental Protection, Central Office, May 15, 1998, To inquire about permit limits for kilns regulated by the central office.
II-E-87	Telephone Contact Summary, C. Brockmann, RTI, with D. Schultz, Ash Grove Cement Company, May 15, 1998, To find out type of control on calcimatic kiln.
II-E-88	Telephone Contact Summary, C. Brockmann, RTI, with R. Picou, Dravo Lime Company, Longview Division, May 15, 1998, To find out where tempering air is added to the kiln exhaust.
II-E-89	Telephone Contact Summary, C. Brockmann, RTI, with J. Sperry, May 18, 1998, To find out number of kilns and permit limit for lime kilns at Vulcan Materials Company in McCook, Illinois.
II-E-90	Telephone Contact Summary, C. Brockmann, RTI, with S. Sullivan, Holly Sugar Corporation, May 19, 1998, To find out feed rate during emissions testing.
II-E-91	Telephone Contact Summary, C. Brockmann, RTI, with A. Craft, Virginia Department of Environmental Quality, May 19, 1998, To find out type of controls on lime kilns at Riverton plant.

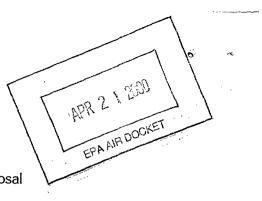
Docket No. A-95-41 Lime Manufacturing NESHAP

Category II

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Subcategory II-E

EPA Memoranda of Meetings and Telephone Conversations With Outside Persons



Document No.	<u>Description</u>
II-E-92	Telephone Contact Summary, C. Brockmann, RTI, with L. Toopal, Arizona Department of Environmental Quality, April 27, 1998, To confirm that production data faxed to RTI represented tons per hour of lime during testing.
II-E-93	Telephone Contact Summary, C. Brockmann, RTI, with A. McKeever, Indiana Department of Environmental Management (IDEM), Indianapolis Office, June 1, 1998, To clarify Docket Item II-D-56 regarding Inland Steel and Marblehead Lime.
11-E-94	Telephone Contact Summary, C. Brockmann, RTI, with M. Neyman, Indiana Department of Environmental Management (IDEM), Indianapolis Office, June 8, 1998, To clarify Docket Item II-D-56 regarding Marblehead Lime.
II-E-95	Telephone Contact Summary, C. Brockmann, RTI, with B. Simmons, Indiana Department of Environmental Management (IDEM), Northwest Office, June 8, 1998, To clarify Docket Item II-D-56 regarding Inland Steel.
II-E-96	Telephone contact summary, C. Brockmann, RTI, with L. Toopal, Arizona Air Quality Division, Arizona Department of Environmental Quality, April 1, 1998, To find out permit limit for kiln at BHP Copper.

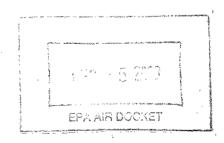
Items Considered in Developing Proposal Subcategory II-E

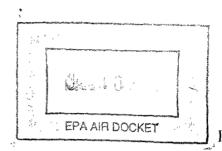
EPA Memoranda of Meetings and Telephone Conversations With Outside Persons

Document No. II-E-97 Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Portland Cement Docket (A-92-53), February 28, 2000, Summary of meeting between National Lime Association, Department of Justice, and EPA to discuss National Lime Association's Non-Binding Statement of Issues with the Portland Cement MACT standard held on January 20, 2000. II-E-98 Memorandum, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, March 24, 2000, Telephone contact summary for contacts with B. Ferch, Mercer Lime, J.

Lime from March 9, 2000 to March 13, 2000.

Weirbowski, ConLime, J. Bowers, U.S. Lime and Minerals, and J. Dean, Greer





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Document No.	Description
II-E-99	Meeting minutes, Minutes of meeting of ASTM HCl task Group held on April 11, 2000.
II-E-100	Telephone Contact Summary, J. Wood, EPA:OAQPS:ESD:MICG, with J. Tobin, Department of Energy, Energy Information Administration, December 4, 2000, Natural gas pipeline capacity and pricing.
II-E-101	Telephone Contact Summary, J. Wood, EPA:OAQPS:ESD:MICG, with M. Toney, EPA:OAQPS:EMC, December 5, 2000, Cost of measuring hazardous air pollutant metals using EPA Method 29.
II-E-102	Telephone Contact Summary, J. Wood, EPA:OAQPS:ESD:MICG, with C. Sedman, EPA:ORD:APCD, December 12, 2000, Regarding the effect of gas stream temperature on dry lime injection performance.
II-E-103	Memorandum and attachment, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, December 15, 2000, Summary of meeting between EPA and National Lime Association held on November 29, 2000 to discuss EPA's thinking on Proposed Standards for the Lime Manufacturing Industry NESHAP.

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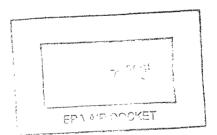
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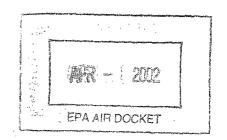
Document No.

Description

II-E-104

Telephone Contact Summary, J. Turner, RTI, with R. Berube, Turbosonic Technologies, Inc., March 6, 2001, Spray coolers for lime plants.





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Document No.	<u>Description</u>
II-E-105	Memorandum and attachments, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, November 20, 2000, Summary of meeting between EPA and National Lime Association held on April 26, 1999 to discuss EPA's Development of the Lime Manufacturing Industry National Emission Standards for Hazardous Air Pollutants (NESHAP).
II-E-106	Memorandum and attachments, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, February 26, 2001, Summary of teleconference between EPA and National Lime Association held on January 30, 2001 to discuss Risk Analysis of Hydrogen Chloride (HCI) for the Lime Manufacturing Industry National Emission Standards for Hazardous Air Pollutants (NESHAP).
II-E-107	Memorandum and attachments, J. Wood, EPA:OAQPS:ESD:MICG, to Docket, June 1, 2001, Additional Telephone Contacts with Lime Small Businesses and Information Received Regarding Potential Cost Impacts from the Regulation.

Items Considered in Developing Proposal Subcategory II-E

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Document No. Description Memorandum and attachment, T. Kelly EPA, Small Business Advocacy Chair. II-E-108 J. Pawlow, Small Business Administration, B. Allen, Office of Management and Budget, and K. Barnett, Office of Air and Radiation, to Docket, February 19, 2002, Summary of Small Business Administration Review Panel's Outreach Meeting with Small Entity Representatives on Lime Manufacturing NESHAP. II-E-109 Telephone Contact Summary, J. Turner, RTI, with Process Engineering Department, Penta Engineering Corp., St. Louis, August 2, 2002, Date of contact, August 2, 2002, to discuss lime kiln preheater pressure drop. II-E-110 Telephone Contact Summary, J. Turner, RTI, with R. Riddle, FFE Minerals, Inc., August 22, 2002, Dates of contact July 11, 2002 and July 24, 2002, to discuss lime kiln preheaters and their costs. II-E-111 Telephone Contact Summary, J. Turner, RTI, with C. Houston, FFE Minerals, Inc., August 22, 2002, Date of contact, August 15, 2002, to discuss lime kiln



preheaters pressure drop.

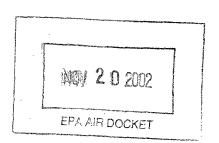
Docket No. OAR-2002-0052 Lime Manufacturing NESHAP Category II

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EPA Memoranda of Meetings and Telephone Conversations With Outside Persons

Document No.

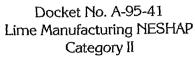
ocament.	<u> </u>
II-E-112	Telephone Contact Summary, J. Turner, RTI, with R. Patterson, Envitech Co., July 1, 2002, Date of contact, July 1, 2002, to discuss cost for upgrading venturi scrubber - lime kiln.
II-E-113	Telephone Contact Summary, J. Turner, RTI, with A. Govil, Ducon Co., July 1, 2002, Date of contact, July 1, 2002, to discuss cost for upgrading venturi scrubber - lime kiln.
II-E-114	Telephone Contact Summary, J. Turner, RTI, with R. Patterson, Envitech Co., October 24, 2002, Date of contact, October 24, 2002, to discuss venturi scrubbers for lime kilns.

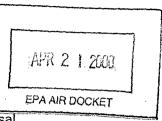


Docket No. OAR-2002-0052 Lime Manufacturing NESHAP Category II Items Considered in Developing Proposal Subcategory II-F Interagency Review Materials

Document No.

Documento.	<u>Description</u>
II-F-1	Electronic mail with attachment, J. Wood, EPA:OAQPS:ESD:MICG to B. Allen, OMB, J. Crowder, EPA:OAQPS:ESD:MICG and E. Crump, EPA:OAQPS:ISEG, September 10, 2002, sending preamble and rule package to OMB for review.
II-F-2	Electronic mail, J. Wood, EPA:OAQPS:ESD:MICG, to B. Allen, OMB and J. Crowder, EPA:OAQPS:ESD:MICG, October 29, 2002, response to OMB questions on proposal.
II-F-3	Electronic mail, J. Wood, EPA:OAQPS:ESD:MICG, to B. Allen, OMB, J. Crowder, EPA:OAQPS:ESD:MICG, and M. Dusetzina, EPA:OAQPS:REAG, October 30, 2002, response to OMB comments on question 5.
[I-F-4	Electronic mail, J. Wood, EPA:OAQPS:ESD:MICG, to K. Holman, Small Business Administration, J. Crowder, EPA:OAQPS:ESD:MICG, and D. Bell EPA, November 5, 2002, response to OMB comments on Lime Manufacturing Industry MACT.
II-F-5	Electronic mail, K. Holman, Small Business Administration, to J. Wood, EPA:OAQPS:ESD:MICG, B. Allen, OMB, and K. Bromberg, SBA, November 7, 2002, comments regarding cost implications of upgrading scrubbers to Meet 0.12 Limit.
II-F-6	Facsimile, K. Holman, Small Business Administration, to J. Wood, EPA:OAQPS:ESD:MICG and B. Allen, SBA, November 7, 2002, enclosing comments on cost implications of upgrading scrubbers to meet 0.12 Limit.
II-F-7	Electronic mail, J. Wood, EPA:OAQPS:ESD:MICG, to K. Bromberg, Small Business Administration, B. Allen, OMB, K. Holman, SBA, J. Crowder, EPA:OAQPS:ESD:MICG, and K. Holman SBA, November 12, 2002, Lime MACT, costs and emissions impacts of various control options.
	EPA AIR DOCKET





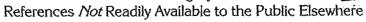
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References Not Readily Available to the Public Elsewhere

<u>Document No.</u>	<u>Description</u>
11-1-1	Text, Lime and Limestone, Volume 14, pages 344-345 and 360-371, undated.
II-I-2	Table, Lime plants active in the US in 1994, pages 2-13, undated.
II-I-3	Paper, Hot-Wet Instrumental Hydrogen Chloride Emissions Quantification Using GFCIR Method Validation and Comparison, J. Powell, CPS Environmental Services, and E. Dithrich, Air Pollution Characterization and Control, Limited.
II-I-4	Report, Results of a source emission compliance test on Lime Kiln "A," Renville, Minnesota, Submitted to Southern Minnesota Sugar Cooperative, Submitted by MMT Environmental Services, Incorporated, December 1988.
11-1-5	Article, M. Miller, Lime, Lime Minerals Yearbook, 1989.
11-1-6	Letter and attachment, S. Spaw, Texas Air Control Board, to C.S. Netterville, Redland Stone Products Company, July 26, 1991, Continuance to Operate Permits at San Antonio facility.
II-I-7	Report, excerpts from Source Emission Survey for Chemical Lime, Incorporated, Kiln #2, Clifton, Texas, 1993.
JI-I-8	Report, Particulate, Aldehyde, and Semi-Volatile Organic Compound (SVOC) Testing Report for the Pulp Dryer Stacks, 1st and 2nd Carbonation Tank Vents, and the Evaporator Heater Vents, The Amalgamated Sugar Company, May 14, 1993.
II-I-9	Report, Mineral Industry Surveys Annual Review, US Department of the Interior, Bureau of Mines, 1994.
II-I-10	Report, Mineral Industry Surveys Annual Review, US Department of the Interior, US Geological Survey for Lime, 1995.
II-J-11	Report, APG Lime Corporation Stack Emissions Survey New Braunfels, Texas for Kiln #2, Prepared by Western Environmental Serviced and Testing Incorporated, February 1995.

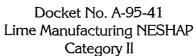
Category II Items Considered in Developing Proposal Subcategory II-I

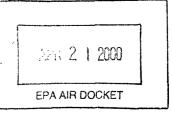


Document No.	<u>Description</u>
II-I-12	Letter and attachment, D. Pearson, Texas Natural Resource Conservation Commission, to J. Kret, APG Lime Corporation, March 16, 1995, Permit Amendment for No. 3 Lime Kiln and Preheater.
II-I-13	Presentation, Lime Manufacturing Industry MACT Standard Development, J. Wood, EPA:MICG, presented at National Lime Association 1995 Annual Convention, May 6-11, 1995.
II-J-14	Report, APG Lime Corporation Stack Emissions Survey New Braunfels, Texas for Kiln #1, prepared by Western Environmental Services and Testing, Incorporated, June 1995.
II-I-15	Report APG Lime Corporation Stack Emissions Survey New Braunfels, Texas for Kiln #3, prepared by Western Environmental Services and Testing, Incorporated, June 1995.
II-I-16	Letter and attachment, D. Pearson, Texas Natural Resource Conservation Commission, to T. Farzad, APG Lime Corporation, August 15, 1995, Permit Amendment and Consolidation for Lime Kilns 1 and 2 at New Braunfels facility.
II-I-17	Article, Lime News, in Rock Products Cement Edition, page 18, September 1995.
II-I-18	Permit, Dravo Lime Company, Pittsburgh, Pennsylvania, October 4, 1995.
II-I-19	Article, Lime News, in Rock Products Cement Edition, page 11, November 1995.
JI-I-20	Article, Considerations When Replacing Obsolete Lime Kiln Dust Collectors, Part 2, by N. Beige Sr., K. Seitz, J. Caine, in Rock Products Cement Edition, pages 72-73, November 1995.
II-l-21	Report, Mineral Industry Surveys, Lime in November-December 1995, US Department of the Interior and US Geological Survey, December 1995.
11-1-22	Article, Rock Newscope, in Rock Products, page 7, February 1996.

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References Not Readily Available to the Public Elsewhere

Document No.	<u>Description</u>
II-I-23	Newsletter, Mineral Industry Surveys, Lime in August 1996, by US Department of the Interior and US Geological Survey, August 1996.
II-I-24	Report, Mineral Industry Surveys, 1995-96 Directory of Lime Plants in the United States, US Department of Interior and US Geological Survey, March 7, 1997
II-I-25	Draft construction permit, permit application for new facility for Palmetto Lime, October 24, 1997.
II-I-26	Report, Mineral Industry Surveys Annual Review, US Department of the Interior, US Geological Survey for Lime, 1996.
II-I-27	Draft construction permit, Palmetto Lime, LLC, C/O APG Lime in Roanoke, Virginia, for construction of 3 vertical lime kilns, October 24, 1997.
II-I-28	Text, Lime and Limestone, in Encyclopedia of Chemical Technology, Fourth Edition, Volume 15: Lasers to Mass Spectrometry, A Wiley-Interscience Publication, 1995, pp. 319-359.
II-I-29	Letter and attachment, A. Seeger, National Lime Association, to RCRA Docket No. F-97-CS6A-FFFFF, January 29, 1998, enclosing comment on EPA's proposed particulate matter continuous emissions monitoring program as it concerns the commercial lime industry.
II-I-30	Letter and attachment, J. Dean, KVS, to R. Weser, West Virginia Air Pollution Control Commission, February 8, 1989, enclosing application to construct new lime calcining plant.
II-I-31	Operating Permit, Arkansas Lime Company, Lime Plant, Batesville, Arkansas, February 17, 1998.
II-I-32	Note to Docket, May 28, 1998, enclosing copy of Mississippi Lime Company permit to construct.
II-I-33	Report, Mineral Industry Surveys, Lime, 1997 Annual Review, U.S. Geological Survey, U.S. Department of the Interior, October 1998.

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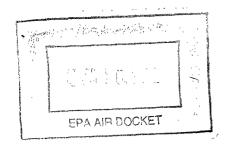
Document No.	<u>Description</u>
II-I-34	Report, Mineral Industry Surveys, 1997 Directory of Lime Plants in the United States, U.S. Geological Survey, U.S. Department of the Interior, September 1998.
II-I-35	Report, Mineral Industry Surveys, Lime 1998 Annual Review, U.S. Geological Survey, U.S. Department of the Interior, August 1999.

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References Not Readily Available to the Public Elsewhere

Document No.	<u>Description</u>
II-I-36	Article, Continuous Dust Gauge, ProFlow technology, 1998.
II-I-37	Article, Reducing Dust Emissions in Aggregate Plants, Rock Products, January 2000, pg 41.
II-I-38	Report, Mineral Industry Surveys, 1999 Directory of Lime Plants in the United States, U.S. Geological Survey, U.S. Department of the Interior, January 2000.
II-I-39	Report, Mineral Industry Surveys, Lime 1999 Annual Review, U.S. Geological Survey, U.S. Department of the Interior, May 2000.
II-I-40	Website, PM-10 Non-attainment State/Area/County Report from the EPA website at http://www.epa.gov/oar/oaqps/greenbk/pycs.html .





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II-I-41	Memorandum, J. Farmer, EPA:OAQPS:ESD, to W. Smith, EPA Region 3, Method 9 Indoor Readings, April 27, 1998, obtained from http://esdev.sdc-moses.com/oeca/oc/adi/html/9700162.htm on August 28, 2000.
II-I-42	Website article, Natural Gas Prices Set Record, P. Behr, Washington Post, published on December 5, 2000, obtained from http://washingtonpost.com/wp-dyn/articles/a23986-2000Dec4.html
II-I-43	Article, Natural Gas: Federal policy, industry dynamics blamed for crunch, January 3, 2001, from Greenwire, www.eenews.net.

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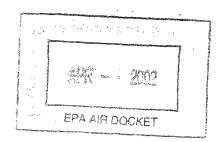
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Description

II-I-44

Text, Chapter 3, "Local Exhaust Hoods" and Chapter 5, "Exhaust System Design Procedures," in Industrial Ventilation, A Manual of Recommended Practices, 23rd Edition, American conference of Governmental Industrial Hygienists, Cincinnati, Ohio, 1998 (For a copy of text, see Docket No. A-92-61, Document No. IV-J-2).





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References Not Readily Available to the Public Elsewhere

Document No.	<u>Description</u>
II-I-45	Article, "Standard Test Method for Determination of Gaseous Organic Compounds by Direct Interface Gas Chromatography-Mass Spectrometry", American Society for Testing and Materials, undated.
II-I-46	Report, Emission Control Hospital Waste Incineration, undated.
II-I-47	Article, "Air Pollution Control Systems for Municipal Solid Waste Incinerators", August 1998.
II-I-48	Report, Annual Energy Outlook 2001 with Projections to 2020, Energy Information Administration, DOE/EIA-0383(2001), December 2000.
II-I-49	Report, 2000 Directory of Lime Plants in the United States, USGS, February 2001.
II-I-50	Report, Lime, 2000 Annual Review, USGS, July 2001.

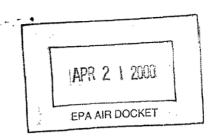
Docket No. A-95-41 Lime Manufacturing NESHAP Category II Items Considered in Developing Proposal

Subcategory II-I

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Document No.	<u>Description</u>
П-І-51	Article, Standard Test Method for Measurement of Gaseous Chlorides and Fluorides from Mineral Calcining Exhaust Sources – Impinger Method, D-6735, ASTM International, not dated.
II-I-52	Publication, Lime Facts, The National Lime Association, 1999.
II-I-53	Report, 2001 Directory of Lime Plants in the United States, USGS, February 2002.
II-I-54	Report, Mineral Industry Surveys Lime 2001 Annual Review, USGS, June 2002.





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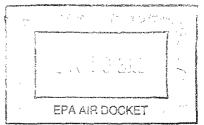
- II-J-1 42 FR 22506-22510, Federal Register, proposed rule, standards of performance for new stationary sources, lime manufacturing plants, May 3, 1977.
- II-J-2 49 FR 18075-18080, Federal Register, rules and regulations, Standards of Performance for New Stationary Sources; Lime Manufacturing Plants, April 26, 1984.
- II-J-3 52 FR 4773-4774, *Federal Register*, final rule, standards of performance for new stationary sources; opacity monitoring for lime manufacturing plants, February 17, 1987.
- II-J-4 54 FR 6660-6681, Federal Register, rules and regulations, Standards of Performance for New Stationary Sources; Amendments to test methods and Procedures, February 14, 1989.
- II-J-5 47 FR 38831-38859, Federal Register, proposed rules, Standard of Performance for New Stationary Sources; Lime Manufacturing Plants; Proposed Response to Court Remand and Proposed Rule Change.

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II-J-6 40 CFR Part 63 31898-31962, *Federal Register*, Final Rule, National Emission Standards for Hazardous Air Pollutants for Source Categories; Portland Cement Manufacturing Industry.



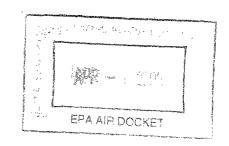


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II-J-7

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